



DEPARTMENT OF THE NAVY  
HEADQUARTERS UNITED STATES MARINE CORPS  
WASHINGTON, DC 20380-0001

MCO 1510.88B  
C 461  
12 SEP 97

MARINE CORPS ORDER 1510.88B

From: Commandant of the Marine Corps  
To: Distribution List

Subj: INDIVIDUAL TRAINING STANDARDS (ITS) SYSTEM FOR MARINE CORPS  
SPECIAL SKILLS VOLUME 3

Ref: (a) MCO 1553.1B  
(b) MCO 1553.2  
(c) MCO 1553.3

Encl: (1) Description of an Individual Training Standard  
(2) Management of Individual Training Standards  
(3) Summary/Index of Individual Training Standards  
(4) Common Individual Training Standards  
(5) Training Support  
(6) Individual Training Standards

1. Purpose. To publish revised ITS at enclosures (1) through (6) for Marine Corps Special Skills - Volume 3.

2. Cancellation. MCO 1510.88A

3. Background

a. The references establish the system used to publish all training standards, provide policy, and assign training responsibilities, especially as applied to the Systems Approach to Training (SAT).

b. ITSs establish the training requirements for all Marines in the same occupational field (OccFld), Military Occupational Specialty (MOS), or billet. They provide a foundation upon which unit commanders and school directors build training packages for individual Marines as part of unit training plans or formal courses of instruction.

c. ITSs represent the skills needed by individual Marines that contribute to the unit mission as expressed in the Mission Performance Standards. Changes to doctrine or force structure or the introduction of new weapons or equipment may necessitate revision of this order.

4. Summary of Revision. This edition encompasses numerous changes to ITSs, training setting, sustainment factors, and grade to standard entries. Changes also include deletion/addition of tasks and references. This ITS Order was developed using the Marine Corps Automated Instructional Management System (MCAIMS Plus) which has resulted in modifications to the content and appearance of the Order. In general, all ITS information is linked to tasks. Appendix D to Enclosure (5) lists references with associated tasks. Enclosure (6) now contains information on initial setting, and where applicable, Marine Corps Institute (MCI) materials, Ammunition, and training materiel.

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5. Information. ITSS are used by unit commanders and school directors to design, develop, conduct, and evaluate the individual training of Marines. Unit commanders are responsible for the sustainment of all individual tasks that have been deemed, through analysis, to support the unit's Mission Essential Task List (METL). Unit commanders can, therefore, use the tasks contained in this order as the basis of individual training through Managed On-the-Job Training (MOJT), instruction in unit level schools, or incorporation in their training plans. School directors will derive Terminal Learning Objectives (TLO) and Enabling Learning Objectives (ELO) from the tasks, conditions, standards, and performance steps of each associated ITS. Task lists reported by formal schools on Course Descriptive Data (CDD) submissions will consist of tasks contained in this Order that are designated for training at the appropriate level in the formal school.

6. Action

a. Commanding General, Marine Corps Combat Development Command (CG MCCDC)

(1) Ensure that all schools use this Order to train personnel to the standards required by grade and MOS.

(2) Ensure that the MCI and the Training and Audiovisual Support Centers (TAVSC) provide standardized job aids and other training support requirements to facilitate training in units.

(3) Review, revise, and manage the upkeep of this Order in coordination with Operating Force and Supporting Establishment commanders and MOS/OccFld Sponsors.

(4) Ensure the Combat Development Process identifies the impact on training, by MOS and ITS, of all new equipment.

(5) Ensure coordination with the Commander, Marine Corps Systems Command (COMMARCORSSYSCOM) to integrate the acquisition of new equipment into formal school training per the published ITSS.

b. Commanding Generals of the Marine Forces and Supporting Establishment Commands and Commanders of Separate Organizations not Commanded by a General Officer


(1) Use this Order as the basis for individual training.

(2) Conduct MOJT programs and/or instruction in unit level schools to satisfy initial, sustainment, and refresher training requirements in so far as the tasks support unit mission requirements.

7. Submission of Recommendations and Requirements. Recommendations concerning the content of this Order are invited. Submit recommendations for additions, deletions, or modifications to CG HCCDC (C461) via the chain of command.

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8. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

  
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By direction

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#### DESCRIPTION OF AN INDIVIDUAL TRAINING STANDARD

1. ITS Designator. Each ITS has a unique three-part identifier that represents the specific task, the duty area under which that task is included, and the MOS (or billet) with which it is associated. Each part is separated by periods. An example of an ITS Designator is 0311.02.08.

a. The first four positions ("0311" in the example above) represent the MOS or billet. For any ITS associated with an official MOS, the four digits must be identical to those assigned to the MOS in MCO P1200.7 (MOS Manual).

b. The middle two positions ("02" in the example above) represent the duty or functional area. Duty areas within a given MOS are assigned consecutive ascending Arabic numerals. Duty areas 1 through 9 are always preceded by a leading zero to allow for proper sorting. In the example above, "02" represents the second duty area under MOS 0311.

c. The last two positions ("08" in the example above) represent a specific task. Tasks within a specific duty or functional area are assigned consecutive ascending Arabic numerals. Tasks 1 through 9 are always preceded by a leading zero to allow for proper sorting. In the example above, "08" represents the eighth task within the second duty area under MOS 0311.

2. ITS Components. There are six basic components of an ITS, five of which are mandatory:

a. Task. The task describes a specific and necessary behavior expected of a Marine in a particular MOS or job. It is a clearly stated, performance-oriented action requiring a learned skill.

b. Condition(s). This portion of the ITS describes the equipment, manuals, assistance/supervision, special physical demands, environmental conditions, and location affecting a Marine's performance of the task under real-world circumstances.

c. Standard(s). This portion of the ITS describes the level of proficiency to which the individual must perform the task.

d. Performance Steps. Collectively, the performance steps represent the logical sequence of actions required of the Marine to perform the task to standard. These actions are typically detailed in the references.

e. References. References are doctrinal publications, technical manuals, and other publications upon which the ITS and its performance steps are based. They should be readily available and provide detail to the procedures that are only summarized in the performance steps.

f. Administrative Instructions (Optional). Administrative instructions provide the trainer/instructor with special required or recommended circumstances, including safety precautions, relating to the training or execution of the task. These instructions may also clarify the meaning of the task.

3. ITS Training

a. Initial Training Setting. All ITSS are assigned an Initial Training Setting

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that includes a specific location for initial instruction (Formal School or MOJT), level of training required at that location (Standard or Preliminary), a sustainment factor (number of months between evaluation or retraining to maintain the proficiency required by the standard), and a "Required By", rank (the lowest rank at which task proficiency is required).

b. Training Materiel (Optional). Training materiel includes all training devices, simulators, aids, equipment, and materials (except ammunition and Marine Corps Institute (MCI) publications) required or recommended to properly train the task under the specified conditions and to the specified standard.

c. Ammunition (Optional). This section includes any Ammunition, explosives, and/or pyrotechnics required for proper training of the ITS.

d. Current MCI(s) (Optional). This section includes a list of any currently available MCI publications designed to provide training related to this task.

ENCLOSURE (1)

MANAGEMENT OF INDIVIDUAL TRAINING STANDARDS

1. ITS Use

a. ITSs form the basis for all individual training in formal schools and units. They are written for all MOSs in order to specify the critical skills required by units of their individual Marines in support of the unit's combat missions as defined in the unit's Mission Essential Task List (METL).

b. Formal school directors are responsible for reviewing all ITSs marked for initial training at the formal school. They must conduct courses of instruction on those ITSs appropriate for their student populations in terms of grade or rank. The task portion of each ITS taught in a given course must appear in the Task List (Item 24) of the CDD for that course. In accordance with SAT, a Program of Instruction (POI) must also be developed for the course.

c. ITSs provide measures of performance that can be used by unit commanders to diagnose individual deficiencies and design training. Noted deficiencies should be scheduled for remediation on training plans or through MOJT, as appropriate.

d. A Marine should continue to receive instruction on ITSs that support his unit's METL. Individual training cannot cease upon graduation from a formal school because formal schools cannot prepare every Marine to serve in every billet. Individuals should be given opportunities in the unit to gain experience and responsibility as quickly as possible.

2. ITS Maintenance

a. A relationship exists between ITSs and the threat to Marine forces. Changes in the threat often trigger corresponding changes in our weapons, equipment, or doctrine, which then necessitate producing new or updated training standards. Such action requires a team effort on the part of the operating forces, the formal schools, and staff agencies at both Headquarters, U.S. Marine Corps and the Marine Corps Combat Development Command (MCCDC).

b. ITSs are ultimately validated by unit commanders and school directors. Records of Proceedings (ROP) resulting from Course Content Review Boards (CCRB) conducted by formal schools are particularly well suited for recommending revisions. The ROP should contain a justification for each proposed addition, deletion, or change and should accompany any request to obtain authority to depart from the currently published ITSs. Unit commanders can recommend changes through participation in a school's CCRB or directly via the chain of command. Unless significant changes warrant earlier action, ITS orders are revised and republished on a 4-year cycle.

c. ITS management is a dynamic process involving user maintenance as the key to refining standards to best serve unit missions. ITS users should evaluate whether ITSs support or fail to support an MOS, and ITS components should be examined for realism and pertinence. Users are encouraged to submit recommended changes to published ITSs through the chain of command.

ENCLOSURE (2)

SUMMARY/INDEX OF INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure is a summary listing of all ITS tasks grouped by MOS and Duty Area.
2. Format. The columns are as follows:
  - a. TASK. ITS Designator.
  - b. TITLE. ITS Task Title.
  - c. FS. Formal School. A mark appears in this column when the Formal School is designated as the initial training setting. An "S" indicates the task is taught to "standard" at the formal school. A "P" indicates that the formal school provides only "preliminary" instruction and it is up to the unit to provide follow-on MOJT instruction to teach the task to standard.
  - d. MOJT. Managed On-The-Job Training. An "S" appears in this column when MOJT is designated as the initial training setting. Instruction is always to "standard."
  - e. MCI. Current MCI Publication(s). An "X" in this column indicates that at least one MCI publication addresses this task. Consult enclosure (6) for details.
  - f. SUS. Sustainment Training Period. An entry in this column represents the number of months within which the unit is expected to train or retrain this task to standard provided the task supports the unit's METL.
  - g. REQ BY. Required By. An entry in this column depicts the lowest rank required to demonstrate proficiency in this task.
  - h. PAGE. Page Number. This column lists the number of the page in enclosure (6) that contains detailed information concerning this task.

SEQ	TASK	TITLE	FS	MOJT	MCI	SUS	REQ	BY	PAGE
<u>MOS 9952, SCUBA/UBA MARINE (OFFICER/ENLISTED)</u>									
<u>DUTY AREA 01 - OPEN-CIRCUIT DIVE OPERATIONS</u>									
1)	9952.01.01	PREPARE INDIVIDUAL DIVE EQUIPMENT	S			24	Pvt		6-A-1
2)	9952.01.02	DON INDIVIDUAL DIVE EQUIPMENT	S			24	Pvt		6-A-2
3)	9952.01.03	EXECUTE WATER ENTRY	S			24	Pvt		6-A-3
4)	9952.01.04	COMMUNICATE UNDERWATER	S			24	Pvt		6-A-4
5)	9952.01.05	NAVIGATE UNDERWATER	S			24	Pvt		6-A-6
6)	9952.01.06	CONDUCT UNDERWATER SEARCH	S			2	Pvt		6-A-7
7)	9952.01.07	CONDUCT SUBMARINE LOCK-IN/LOCK-OUT OPERATIONS	S			3	Pvt		6-A-8

ENCLOSURE (3)

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SEQ	TASK	TITLE	FS	MOJT	MCI	SUS	REQ	BY	PAGE
<u>DUTY AREA 02 - CLOSED-CIRCUIT DIVE OPERATIONS</u>									
1)	9952.02.01	PREPARE DIVE EQUIPMENT	S			12	Pvt		6-A-10
2)	9952.02.02	DON DIVE EQUIPMENT	S			24	Pvt		6-A-11
3)	9952.02.03	EXECUTE WATER ENTRY	S			24	Pvt		6-A-12
<u>DUTY AREA 03 - DIVE SUPERVISOR</u>									
1)	9952.03.01	PLAN SCUBA OPERATION	S			6	Sgt		6-A-14
2)	9952.03.02	SUPERVISE DIVE OPERATION	S			6	Sgt		6-A-15
3)	9952.03.03	PLAN SUBMARINE LOCK-OUT/ LOCK-IN OPERATIONS	S			6	Sgt		6-A-16
4)	9952.03.04	SUPERVISE SUBMARINE LOCK-OUT/ LOCK-IN OPERATIONS	S			6	Sgt		6-A-17
<u>MOS 9962, PARACHUTIST (OFFICER/ENLISTED)</u>									
<u>DUTY AREA 01 - MILITARY STATIC LINE PARACHUTE JUMPING</u>									
1)	9962.01.01	PERFORM PRE-JUMP TRAINING	S			3	Pvt		6-B-1
2)	9962.01.02	EXECUTE PRE-JUMP TRAINING FOR THE INTENTIONAL WATER JUMP	P			12	Pvt		6-B-2
3)	9962.01.03	PREPARE INDIVIDUAL COMBAT EQUIPMENT FOR PARACHUTE OPERATIONS	P			3	Pvt		6-B-3
4)	9962.01.04	DON PARACHUTE, RESERVE AND COMBAT EQUIPMENT FOR PARACHUTE OPERATIONS	S			3	Pvt		6-B-4
5)	9962.01.05	EXECUTE JUMP COMMANDS FOR FIXED WING AIRCRAFT	S			3	Pvt		6-B-5
6)	9962.01.06	REACT TO JUMP COMMANDS FOR CH-53 AND CH-46 HELICOPTER	P			3	Pvt		6-B-6
7)	9962.01.07	REACT TO JUMP COMMANDS FOR UH-1 OR UH-60 HELICOPTER	P			3	Pvt		6-B-7
8)	9962.01.08	DEMONSTRATE THE USE OF A STATIC LINE EXTENSION	S			3	Pvt		6-B-8
9)	9962.01.09	EXECUTE EXIT PROCEDURES FOR FIXED WING AIRCRAFT	P			3	Pvt		6-B-9
10)	9962.01.10	EXECUTE EXIT PROCEDURES FOR CH-53 AND CH-46 HELICOPTER	S			3	Pvt		6-B-10
11)	9962.01.11	EXECUTE EXIT PROCEDURES FOR UH-1, UH-60 HELICOPTER	S			3	Pvt		6-B-10
12)	9962.01.12	EXECUTE THE FIVE POINTS OF PERFORMANCE	S			3	Pvt		6-B-11
13)	9962.01.13	MANEUVER THE MAIN PARACHUTE	S			3	Pvt		6-B-12
14)	9962.01.14	PERFORM PARACHUTE LANDING FALL (PLF)	S			3	Pvt		6-B-13
15)	9962.01.15	REACT TO ACCIDENTAL ACTIVATION OF RESERVE PARACHUTE INSIDE THE AIRCRAFT	S			3	Pvt		6-B-14
16)	9962.01.16	REACT TO A TOTAL PARACHUTE MALFUNCTION AND A DELAY OPENING	S			3	Pvt		6-B-15
17)	9962.01.17	REACT TO PARTIAL MALFUNCTION	S			3	Pvt		6-B-16
18)	9962.01.18	REACT TO TWISTED RISERS AND SUSPENSION LINES	S			3	Pvt		6-B-17
19)	9962.01.19	REACT TO AVOID A COLLISION OR ENTANGLEMENT BETWEEN JUMPERS	S			3	Pvt		6-B-18

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SEQ	TASK	TITLE	FS	MQJT	MCI	SUS	REQ	BY	PAGE
20)	9962.01.20	PERFORM EMERGENCY PROCEDURES FOR ENTANGLEMENT WITH A MAIN OR RESERVE PARACHUTE	S			3	Pvt		6-B-19
21)	9962.01.21	PERFORM EMERGENCY PROCEDURES FOR A TREE LANDING	S			3	Pvt		6-B-20
22)	9962.01.22	PERFORM EMERGENCY PROCEDURES FOR A WATER LANDING	S			3	Pvt		6-B-21
23)	9962.01.23	PERFORM EMERGENCY PROCEDURES FOR A WIRE LANDING	S			3	Pvt		6-B-23
24)	9962.01.24	EXECUTE TOWED JUMPER PROCEDURES	S			3	Pvt		6-B-24
25)	9962.01.25	RECOVER FROM PARACHUTE DRAG DURING HHIGH WIND CONDITIONS	S			3	Pvt		6-B-25
26)	9962.01.26	IDENTIFY THE BUDDY-ASSIST METHOD OF RECOVERY	S			3	Pvt		6-B-25
27)	9962.01.27	EXECUTE RECOVERY OF AIRBORNE EQUIPMENT ON DROP ZONE	S			3	Pvt		6-B-26

DUTY AREA 02 - MILITARY FREE FALL PARACHUTING

1)	9962.02.01	PACK RAM AIR PARACHUTE SYSTEM (RAPS)	S			12	Pvt		6-B-28
2)	9962.02.02	SET AUTOMATIC RIPCORDER RELEASE (ARR)	S			12	Pvt		6-B-29
3)	9962.02.03	INSPECT PERSONNEL OXYGEN SYSTEM	S			12	Pvt		6-B-31
4)	9962.02.04	PACK EQUIPMENT	S			12	Pvt		6-B-33
5)	9962.02.05	RIG EQUIPMENT	S			12	Pvt		6-B-35
6)	9962.02.06	EMBARK AIR TRANSPORTATION	S			12	Pvt		6-B-36
7)	9962.02.07	DON RAM AIR PARACHUTE SYSTEM	S			12	Pvt		6-B-38
8)	9962.02.08	CONNECT TO SUPPLEMENT OXYGEN CONSOLE SYSTEMS	S			12	Pvt		6-B-40
9)	9962.02.09	REACT TO MILITARY FREE-FALL (MFF) AIRCRAFT PROCEDURE SIGNALS	S			12	Pvt		6-B-42
10)	9962.02.10	EXECUTE A STABLE FREE-FALL EXIT WHILE POISED	S			12	Pvt		6-B-44
11)	9962.02.11	EXECUTE A STABLE FREE-FALL DIVING EXIT	S			12	Pvt		6-B-46
12)	9962.02.12	MAINTAIN STABLE POSITION AND HEADING DURING FREE-FALL	S			12	Pvt		6-B-48
13)	9962.02.13	VISUALLY CHECK ALTIMETER	S			12	Pvt		6-B-50
14)	9962.02.14	MAINTAIN CONTROL AND MANEUVER	S			12	Pvt		6-B-51
15)	9962.02.15	CONDUCT A STABLE PULL	S			12	Pvt		6-B-53
16)	9962.02.16	MAINTAIN CONTROL AND MANEUVER	S			12	Pvt		6-B-55
17)	9962.02.17	EXECUTE CONTROLLED LANDING PROCEDURES	S			12	Pvt		6-B-57
18)	9962.02.18	REACT TO AN AIRCRAFT EMERGENCY	S			12	Pvt		6-B-59
19)	9962.02.19	REACT TO UNINTENTIONAL DEPLOYMENT OF MAIN OR RESERVE PARACHUTE ABOARD AIRCRAFT	S			12	Pvt		6-B-61
20)	9962.02.20	REACT TO COLLISION WITH ANOTHER JUMPER DURING FREE-FALL EXIT	S			12	Pvt		6-B-63
21)	9962.02.21	REACT TO UNINTENTIONAL DEPLOYMENT OF MAIN OR RESERVE PARACHUTE DURING FREE-FALL	S			12	Pvt		6-B-65
22)	9962.02.22	REACT TO ALTIMETER FAILURE OR LOSS DURING FREE-FALL	S			12	Pvt		6-B-67
23)	9962.02.23	TAKE ACTION TO AVOID COLLISION WITH ANOTHER JUMPER OR DEPLOYED PARACHUTE	S			12	Pvt		6-B-69
24)	9962.02.24	REACT TO AVOID COLLISION WITH ANOTHER JUMPER UNDER PARACHUTE CANOPY	S			12	Pvt		6-B-70

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SEQ	TASK	TITLE	FS	MOJT	MCI	SUS	REQ	BY	PAGE
25)	9962.02.25	PERFORM EMERGENCY PROCEDURES FOR MID-AIR ENTANGLEMENT	S			12	Pvt		6-B-72
26)	9962.02.26	PERFORM EMERGENCY PROCEDURES FOR A TREE LANDING	S			12	Pvt		6-B-75
27)	9962.02.27	PERFORM EMERGENCY PROCEDURES FOR AN UNINTENTIONAL WATER LANDING	S			12	Pvt		6-B-76
28)	9962.02.28	PERFORM EMERGENCY PROCEDURES FOR A WIRE LANDING	S			12	Pvt		6-B-78
29)	9962.02.29	RECOVER FROM PARACHUTE DRAG	S			12	Pvt		6-B-80
30)	9962.02.30	PERFORM EMERGENCY PROCEDURES FOR A TOTAL PARACHUTE MALFUNCTION	S			12	Pvt		6-B-82
31)	9962.02.31	PERFORM EMERGENCY PROCEDURES FOR PARTIAL PARACHUTE MALFUNCTION	S			12	Pvt		6-B-84

DUTY AREA 03 - MILITARY STATIC LINE JUMPMASER

1)	9962.03.01	COORDINATE SUPPORT	P			3	Cpl		6-B-87
2)	9962.03.02	COORDINATE LOGISTICAL SUPPORT	S	S		3	Cpl		6-B-88
3)	9962.03.03	COMPUTE RELEASE POINT	S			3	Cpl		6-B-88
4)	9962.03.04	CONDUCT A JUMP BRIEF	S			3	Cpl		6-B-89
5)	9962.03.05	SUPERVISE PRE-JUMP TRAINING	S			3	Pvt		6-B-90
6)	9962.03.06	CONDUCT THE JUMPMASER PERSONNEL INSPECTION (JMPI) OF PERSONNEL AND EQUIPMENT	S			3	Cpl		6-B-91
7)	9962.03.07	BRIEF AIRCREW FOR STATIC LINE PARACHUTE OPERATION	S			3	Cpl		6-B-92
8)	9962.03.08	PERFORM PRE-FLIGHT AIRCRAFT INSPECTION	S			3	Cpl		6-B-93
9)	9962.03.09	ISSUE JUMP COMMANDS	S			3	Cpl		6-B-95
10)	9962.03.10	CONDUCT ALIGNMENT OF AIRCRAFT OVER COMPUTED RELEASE POINT	S			3	Cpl		6-B-96

V

1)	9962.04.01	COORDINATE FREE-FALL PARACHUTE OPERATIONS SUPPORT	S			6	Sgt		6-B-98
2)	9962.04.02	COMPUTE HIGH ALTITUDE RELEASE POINT (HARP)	S			6	Sgt		6-B-99
3)	9962.04.03	CONDUCT A JUMP BRIEF	S			6	Sgt		6-B-100
4)	9962.04.04	SUPERVISE PRE-JUMP TRAINING	S			6	Sgt		6-B-101
5)	9962.04.05	CONDUCT THE JUMPMASER PERSONNEL INSPECTION (JMPI) OF PERSONNEL AND EQUIPMENT	S			6	Sgt		6-B-102
6)	9962.04.06	BRIEF AIRCREW FOR FREE-FALL OPERATIONS	S			6	Sgt		6-B-102
7)	9962.04.07	PERFORM PRE-FLIGHT AIRCRAFT INSPECTION	S			6	Sgt		6-B-104
8)	9962.04.08	INSPECT PORTABLE OXYGEN SYSTEM	S			6	Sgt		6-B-105
9)	9962.04.09	ISSUE JUMP COMMANDS	S			6	Sgt		6-B-105
10)	9962.04.10	ALIGN AIRCRAFT DURING JUMPMASER RELEASE OPERATIONS	S			6	Sgt		6-B-106
11)	9962.04.11	SUPERVISE OXYGEN PRE-BREATHING	S			6	Sgt		6-B-107

ENCLOSURE (3)

COMMON INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure lists the ITS tasks common to more than one MOS within the OccFld. It is designed to assist the trainer in consolidating training for common tasks.

2. Format. The columns are as follows:

a. TASK TITLE. A listing of all tasks common to at least two MOSs.

b. COMMON TASK NUMBERS. A listing of the ITS designators for all ITSS containing the same task title.

TASK TITLE	COMMON TASK NUMBERS	
EXECUTE WATER ENTRY.	9952.01.03	9952.02.03
PERFORM EMERGENCY PROCEDURES FOR A TREE LANDING.	9962.01.21	9962.02.26
PERFORM EMERGENCY PROCEDURES FOR A WIRE LANDING.	9962.01.23	9962.02.28
MAINTAIN CONTROL AND MANEUVER.	9962.02.14	9962.02.16
CONDUCT A JUMP BRIEF.	9962.03.04	9962.04.03
SUPERVISE PRE-JUMP TRAINING.	9962.03.05	9962.04.04
CONDUCT THE JUMPMaster PERSONNEL INSPECTION (JMPI) OF PERSONNEL AND EQUIPMENT.	9962.03.06	9962.04.05
PERFORM PRE-FLIGHT AIRCRAFT INSPECTION.	9962.03.08	9962.04.07
ISSUE JUMP COMMANDS.	9962.03.09	9962.04.09

ENCLOSURE (4)

TRAINING SUPPORT

1. This enclosure summarize four categories of training support by ITS for the entire OccFld:

Appendix A: Training Materiel

Appendix B: Current MCIs

Appendix C: Ammunition, Explosives, and Pyrotechnics

Appendix D: References

2. If support identified in any appendix is not applicable to this OccFld, the appendix will include a statement to that effect.

ENCLOSURE (5)

TRAINING MATERIEL

1. General. Training materiel includes all training devices, simulators, aids, equipment, and materials (except ammunition and MCIs) required or recommended to properly train a task under the specified conditions and to the specified standard.

2. Format. The columns are as follows:

a. MATERIEL. This column summarize all training materiel used in support of at least one ITS task in this OccFld.

b. TASK NUMBERS. A listing of all ITS tasks supported by the corresponding training support item in the Materiel column. An asterisk (\*) precedes any task for which the training support item is mandatory for execution of the task.

<u>MATERIEL</u>	<u>TASK NUMBERS</u>				
120' Line	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
6-Man Portable Oxygen Console	9962.04.01	9962.04.02	9962.04.03	9962.04.04	9962.04.05
	9962.04.06	9962.04.07	9962.04.08	9962.04.09	9962.04.10
	9962.04.11				
AN/PMQ-3A Wind Meter	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
B-7 or B-5 Life Vest/Preserver	*9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	9962.01.17	9962.01.18	9962.01.19	9962.01.20
	9962.01.21	*9962.01.22	9962.01.23	9962.01.24	9962.01.25
	9962.01.26	9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
Backboard	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10

MCO 1510.88B  
12 SEP 97

MATERIEL	TASK NUMBERS				
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Buoy Line	9952.01.01	9952.01.02	9952.01.03	9952.01.04	9952.01.05
	9952.01.06	9952.01.07	9952.02.01	9952.02.02	9952.02.03
	9952.03.01	9952.03.02	9952.03.03	9952.03.04	
Calculator	9962.03.01	9962.03.02	9962.03.03	9962.03.04	9962.03.05
	9962.03.06	9962.03.07	9962.03.08	9962.03.09	9962.03.10
Camera	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Chalkboard/Dry Erase Board	9962.03.01	9962.03.02	9962.03.03	9962.03.04	9962.03.05
	9962.03.06	9962.03.07	9962.03.08	9962.03.09	9962.03.10
	9962.04.01	9962.04.02	9962.04.03	9962.04.04	9962.04.05
	9962.04.06	9962.04.07	9962.04.08	9962.04.09	9962.04.10
	9962.04.11				
Chemical Light(s) (ChemLights)	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Closed Circuit Dive System, SL-3 Complete	9952.01.01	9952.01.02	9952.01.03	9952.01.04	9952.01.05
	9952.01.06	9952.01.07	9952.02.01	9952.02.02	9952.02.03
	9952.03.01	9952.03.02	9952.03.03	9952.03.04	
Combat Pack	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Dive Dress (Wet Suit/Dry Suit)	*9952.01.01	*9952.01.02	*9952.01.03	9952.01.04	9952.01.05
	9952.01.06	9952.01.07	9952.02.01	9952.02.02	*9952.02.03
	9952.03.01	9952.03.02	9952.03.03	9952.03.04	

Appendix A to  
ENCLOSURE (5)

MCO 1510.88B  
12 SEP 97

MATERIEL	TASK NUMBERS				
Dive Platform	9952.01.01	9952.01.02	*9952.01.03	9952.01.04	9952.01.05
(Small Craft,	9952.01.06	9952.01.07	9952.02.01	9952.02.02	*9952.02.03
Submarine, etc.)	9952.03.01	9952.03.02	9952.03.03	9952.02.04	
Drop Zone Kit	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Drop Zone Radios	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	*9962.02.16	*9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
FF2 Automatic	9962.02.01	*9962.02.02	9962.02.03	9962.02.04	9962.02.05
Ripcord Release	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
Assembly	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	*9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Field Medical Aid	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
Kit	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Fragmentation Vest	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
H-Harness and	9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
Lowing Line	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	*9962.01.17	*9962.01.18	*9962.01.19	9962.01.20
	*9962.01.21	*9962.01.22	*9962.01.23	*9962.01.24	*9962.01.25
	*9962.01.26	*9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18

Appendix A to  
ENCLOSURE (5)

MCO 1510.88B  
12 SEP 97

MATERIEL	TASK NUMBERS				
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
Individual 782 Gear	*9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	*9962.01.17	*9962.01.18	9962.01.19	9962.01.20
	*9962.01.21	*9962.01.22	*9962.01.23	*9962.01.24	*9962.01.25
	*9962.01.26	*9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
Irvine Calculator	9962.04.01	9962.04.02	9962.04.03	9962.04.04	9962.04.05
	9962.04.06	9962.04.07	9962.04.08	9962.04.09	9962.04.10
	9962.04.11				
Lensatic Compass	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
M-1950 Weapons Case	9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	*9962.01.17	9962.01.18	9962.01.19	9962.01.20
	9962.01.21	*9962.01.22	9962.01.23	*9962.01.24	*9962.01.25
	*9962.01.26	9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
MA2-30 Altimeter	9962.02.01	*9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	*9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
MBU-5/P or MBU-5/P Oxygen Mask	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15

Appendix A to  
ENCLOSURE (5)



MCO 1510.88B  
12 SEP 97

MATERIEL	TASK NUMBERS				
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
MC-5 Ram Air	*9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
Parachute System	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	<del>9962.02.11</del>	<del>9962.02.12</del>	<del>9962.02.13</del>	<del>9962.02.14</del>	<del>9962.02.15</del>
	*9962.02.16	*9962.02.17	*9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
MC1-1B or MC1-1C	*9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
Main Parachute	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	*9962.01.17	*9962.01.18	*9962.01.19	*9962.01.20
	*9962.01.21	*9962.01.22	*9962.01.23	*9962.01.24	*9962.01.25
	*9962.01.26	*9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
Military Cargo (C-130, C-141, C-5)	*9962.03.08	9962.03.09	9962.03.10	9962.04.07	9962.04.09
	9962.04.10	9962.04.11			
Military Free Fall (MFF) Helmet	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Military Rotary	9952.03.01	9952.03.02	9952.03.03	9952.03.04	*9962.03.08
	9962.03.09	9962.03.10	9962.04.07	9962.04.09	9962.04.10
Wing Aircraft	9962.03.09	9962.03.10	9962.04.07	9960.04.09	9952.02.03
(Cargo, Transport)	9962.04.11				
Open Circuit Dive	*9952.01.01	*9952.01.02	*9952.01.03	9952.01.04	9952.01.05
System, SI-3	9952.01.06	9952.01.07	9952.02.01	9952.02.02	*9952.02.03
complete	9952.03.01	9952.03.02	9952.03.03	9952.03.04	
PRC 103 Radio(s)	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				

Appendix A to  
ENCLOSURE (5)

MCO 1510.88B  
12 SEP 97

MATERIEL	TASK NUMBERS				
PRC 77 Radio(s)	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Parachute Kit Bag	*9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	*9962.01.17	*9962.01.18	*9962.01.19	9962.01.20
	9962.01.21	9962.01.22	9962.01.23	9962.01.24	9962.01.25
	9962.01.26	*9962.01.27	*9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	<del>9962.02.14</del>	<del>9962.02.15</del>	<del>9962.02.16</del>	<del>9962.02.17</del>	<del>9962.02.18</del>
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
Parachutes	9962.03.01	9962.03.02	9962.03.03	9962.03.04	9962.03.05
	9962.03.06	9962.03.07	9962.03.08	9962.03.09	9962.03.10
Personnel Oxygen System	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	*9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Plane Boards	9952.01.01	9952.01.02	9952.01.03	9952.01.04	9952.01.05
	9952.01.06	9952.01.07	9952.02.01	9952.02.02	9952.02.03
	9952.03.01	9952.03.02	9952.03.03	9952.03.04	
Portable Oxygen System	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31	*9962.04.08			
Portable/Bailout Oxygen System	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9952.02.28	9962.02.29	9962.02.30
	9962.02.31				

Appendix A to  
ENCLOSURE (5)

MATERIEL	TASK NUMBERS				
Pre-Breather Portable Oxygen System	9962.04.01 9962.04.06 9962.04.11	9962.04.02 9962.04.07	9962.04.03 9962.04.08	9962.04.04 9962.04.09	9962.04.05 9962.04.10
Preflight Kit	9962.03.01 9962.03.06	9962.03.02 9962.03.07	9962.03.03 9962.03.08	9962.03.04 9962.03.09	9962.03.05 9962.03.10
Protractor	9962.03.01 9962.03.06 9962.04.01 9962.04.06 9962.04.11	9962.03.02 9962.03.07 9962.04.02 9962.04.07	9962.03.03 9962.03.08 9962.04.03 9962.04.08	9962.03.04 9962.03.09 9962.04.04 9962.04.09	9962.03.05 9962.03.10 9962.04.05 9962.04.10
Radio, Callsigns and Frequencies	9962.02.01 9962.02.06 9962.02.11 9962.02.16 9962.02.21 9962.02.26 9962.02.31	9962.02.02 9962.02.07 9962.02.12 9962.02.17 9962.02.22 9962.02.27	9962.02.03 9962.02.08 9962.02.13 9962.02.18 9962.02.23 9962.02.28	9962.02.04 9962.02.09 9962.02.14 9962.02.19 9962.02.24 9962.02.29	9962.02.05 9962.02.10 9962.02.15 9962.02.20 9962.02.25 9962.02.30
Recovery Ladder	9952.01.01 9952.01.06 9952.03.01	9952.01.02 9952.01.07 9952.03.02	9952.01.03 9952.02.01 9952.03.03	9952.01.04 9952.02.02 9952.03.04	9952.01.05 9952.02.03
Recovery Snare	9952.01.01 9952.01.06 9952.03.01	9952.01.02 9952.01.07 9952.03.02	9952.01.03 9952.02.01 9952.03.03	9952.01.04 9952.02.02 9952.03.04	9952.01.05 9952.02.03
Rigging Equipment	9952.03.01	9952.03.02	9952.03.03	9952.03.04	
Safety Vehicle	9962.02.01 9962.02.06 9962.02.11 9962.02.16 9962.02.21 9962.02.26 9962.02.31	9962.02.02 9962.02.07 9962.02.12 9962.02.17 9962.02.22 9962.02.27	9962.02.03 9962.02.08 9962.02.13 9962.02.18 9962.02.23 9962.02.28	9962.02.04 9962.02.09 9962.02.14 9962.02.19 9962.02.24 9962.02.29	9962.02.05 9962.02.10 9962.02.15 9962.02.20 9962.02.25 9962.02.30
Search Lines	9952.01.01 9952.01.06 9952.03.01	9952.01.02 9952.01.07 9952.03.02	9952.01.03 9952.02.01 9952.03.03	9952.01.04 9952.02.02 9952.03.04	9952.01.05 9952.02.03
Sling Rope with Stubai Locking "D"	9952.01.01 9952.01.06 9952.03.01	9952.01.02 9952.01.07 9952.03.02	9952.01.03 9952.02.01 9952.03.03	9952.01.04 9952.02.02 9952.03.04	9952.01.05 9952.02.03
Special Insertion and Extraction (SPIE) System	9952.01.01 9952.01.06	9952.01.02 9952.01.07	9952.01.03 9952.02.01	9952.01.04 9952.02.02	9952.01.05 9952.02.03
Standard A Helmet	9962.01.01 9962.01.06 9962.01.11	9962.01.02 9962.01.07 9962.01.12	9962.01.03 9962.01.08 9962.01.13	9962.01.04 9962.01.09 9962.01.14	9962.01.05 9962.01.10 9962.01.15

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MATERIEL	TASK NUMBERS				
	9962.01.16	9962.01.17	9962.01.18	9962.01.19	9962.01.20
	9962.01.21	9962.01.22	9962.01.23	9962.01.24	9962.01.25
	9962.01.26	9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
Static Line	*9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
Extension	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	*9962.01.17	*9962.01.18	*9962.01.19	*9962.01.20
	*9962.01.21	*9962.01.22	*9962.01.23	*9962.01.24	*9962.01.25
	*9962.01.26	9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
T-10 Reserve	*9962.01.01	9962.01.02	9962.01.03	9962.01.04	9962.01.05
Parachute	9962.01.06	9962.01.07	9962.01.08	9962.01.09	9962.01.10
	9962.01.11	9962.01.12	9962.01.13	9962.01.14	9962.01.15
	9962.01.16	*9962.01.17	*9962.01.18	*9962.01.19	*9962.01.20
	*9962.01.21	*9962.01.22	*9962.01.23	*9962.01.24	*9962.01.25
	*9962.01.26	*9962.01.27	9962.02.01	9962.02.02	9962.02.03
	9962.02.04	9962.02.05	9962.02.06	9962.02.07	9962.02.08
	9962.02.09	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17	9962.02.18
	9962.02.19	9962.02.20	9962.02.21	9962.02.22	9962.02.23
	9962.02.24	9962.02.25	9962.02.26	9962.02.27	9962.02.28
	9962.02.29	9962.02.30	9962.02.31		
T/O Weapon (M16A2,	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
M-9 M249, etc.)	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Training Pool	9962.01.02				
Tree Climbing Gaff	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				

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MATERIEL	TASK NUMBERS				
Underwater	9952.01.01	9952.01.02	9952.01.03	9952.01.04	9952.01.05
	9952.01.06	9952.01.07	9952.02.01	9952.02.02	9952.02.03
VS-17 Panels	9962.02.01	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09	9962.02.10
	9962.02.11	9962.02.12	9962.02.13	9962.02.14	9962.02.15
	9962.02.16	9962.02.17	9962.02.18	9962.02.19	9962.02.20
	9962.02.21	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29	9962.02.30
	9962.02.31				
Weight Clamp	9952.01.01	9952.01.02	9952.01.03	9952.01.04	9952.01.05
	9952.01.06	9952.01.07	9952.02.01	9952.02.02	9952.02.03

Appendix A to  
ENCLOSURE (5)

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CURRENT MCI PUBLICATIONS

DOES NOT APPLY TO THIS ORDER.

5-B-1

Appendix B to  
ENCLOSURE (5)

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AMMUNITION, EXPLOSIVES, AND PYROTECHNICS

1. General. This table summarizes (by DODIC and Nomenclature) the ammunition, explosives, and/or pyrotechnics required to properly train all ITSS associated with this OccFld.
2. Format. Beneath each type of ammunition, the following information is contained in columns along with any pertinent comments:
  - a. TASK. A listing of all ITS tasks requiring that type of ammunition for proper execution.
  - b. INITIAL PROFICIENCY. The number of rounds required to support the initial proficiency training of the corresponding task.
  - c. PER ITERATION. The number of rounds required to support one iteration of the task.
  - d. ANNUAL SUSTAINMENT. The number of rounds required to maintain proficiency in the task on an annual basis. This is determined by dividing the "sustainment period" into 12 months and multiplying the result by the "per iteration" factor.

TASK	INITIAL PROFICIENCY	PER ITERATION	ANNUAL SUSTAINMENT
DODIC: L283 NOMENCLATURE: SIGNAL, SMK & ILLUM, MK124-			
9952.01.02	1	1	0
9952.01.04	1	1	0

Appendix C to  
ENCLOSURE (5)

# REFERENCES

1. General. References are doctrinal publications, technical manuals, and other publications upon which an ITS and its performance steps are based. They should be readily available and provide the detailed procedures for accomplishing the task. This section includes a list of all reference publications associated with any task in this OccFld.

2. Format. The columns are as follows:

a. REFERENCES. This column summarizes all references associated with at least one ITS task in this OccFld.

b. TASK NUMBERS. A listing of all ITS tasks to which the corresponding reference is associated.

REFERENCES	TASK NUMBERS			
FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training	9962.01.05	9962.01.06	9962.01.09	9962.01.12
	9962.01.13	9962.01.14	9962.01.16	9962.01.17
	9962.01.18	9962.01.19	9962.01.20	9962.01.21
	9962.01.22	9962.01.23	9962.01.24	9962.01.25
	9962.01.26	9962.01.27	9962.03.09	
FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training	9962.01.01	9962.01.02	9962.01.03	9962.01.04
	9962.01.06	9962.01.07	9962.01.08	9962.01.10
	9962.01.11	9962.01.15	9962.03.01	9962.03.02
	9962.03.03	9962.03.04	9962.03.05	9962.03.06
	9962.03.07	9962.03.08	9962.03.09	9962.03.10
FMFM 7-43/FM 31-19, Military Free-Fall Parachuting	9962.02.02	9962.02.03	9962.02.04	9962.02.05
	9962.02.06	9962.02.07	9962.02.08	9962.02.09
	9962.02.10	9962.02.11	9962.02.12	9962.02.13
	9962.02.14	9962.02.15	9962.02.16	9962.02.17
	9962.02.18	9962.02.19	9962.02.20	9962.02.21
	9962.02.22	9962.02.23	9962.02.24	9962.02.25
	9962.02.26	9962.02.27	9962.02.28	9962.02.29
	9962.02.30	9962.02.31	9962.04.01	9962.04.02
	9962.04.03	9962.04.04	9962.04.05	9962.04.06
	9962.04.07	9962.04.08	9962.04.09	9962.04.10
	9962.04.11			
FMFM 7-45/FM 31-25, Special Forces Waterborne Operations	9952.01.01	9952.01.02	9952.01.03	9952.01.04
	9952.01.05	9952.01.06	9952.01.07	9952.02.01
	9952.02.02	9952.02.03	9952.03.01	9952.03.02
	9952.03.03	9952.03.04		
NWP 79-0-4, Submarine Special Operations Manual, Unconventional Warfare (Confidential)	9952.01.07	9952.03.03	9952.03.04	



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REFERENCES

TM 10-1670-264-13P,  
Organization and Direct  
support Maintenance Manual  
Including Repair Parts and  
Special Tools List for  
Internal RAM-AIR Parachute  
System

TASK NUMBERS

9962.02.01 9962.04.02

U.S. NAVY, Diving Manual,  
Volume 1

9952.01.01	9952.01.02	9952.01.03	9952.01.04
9952.01.05	9952.01.06	9952.01.07	9952.02.01
9952.02.02	9952.02.03	9952.03.01	9952.03.02
9952.03.03	9952.03.04		

Appendix D to  
ENCLOSURE (5)

5-D-2

INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure contains all of the ITSs for this OccFld, grouped by MOS. Each MOS is contained in a separate Appendix to Enclosure (6).
2. Format. For each ITS, the following elements of information are provided:
  - a. TASK. The task describes a specific and necessary behavior expected of a Marine in a particular MOS or job. It is a clearly stated, performance-oriented action requiring a learned skill.
  - b. CONDITION(S). This portion of the ITS describes the equipment, manuals, assistance/supervision, special physical demands, environmental conditions, and location affecting a Marine's performance of the task under real-world circumstances.
  - c. STANDARD(S). This portion of the ITS describes the level of proficiency to which the individual must perform the task.
  - d. PERFORMANCE STEPS. Collectively, the performance steps represent the logical sequence of actions required of the Marine to perform the task to standard. These actions are typically detailed in the references.
  - e. REFERENCES. References are doctrinal publications, technical manuals, and other publications upon which the ITS and its performance steps are based. They should be readily available and provide detail to the procedures that are only summarized in the performance steps.
  - f. ADMINISTRATIVE INSTRUCTIONS (Optional). Administrative instructions provide the trainer/instructor with special required or recommended circumstances, including safety precautions, relating to the training or execution of the task. These instructions may also clarify the meaning of the task.
  - g. INITIAL TRAINING SETTING. All ITSs are assigned an Initial Training Setting that includes a specific location for initial instruction (Formal School or MOJT), level of training required at that location (Standard or Preliminary), a sustainment factor (number of months between evaluation or retraining to maintain the proficiency required by the standard), and a "Required By" rank (the lowest rank at which task proficiency is required).
  - h. TRAINING MATERIEL (Optional). Training materiel includes all training devices, simulators, aids, equipment, and materials (except ammunition and Marine Corps Institute (MCI) publications) required or recommended to properly train the task under the specified conditions and to the specified standard. Mandatory items are preceded by an asterisk(\*) .
  - i. AMMUNITION (Optional). This table, if present, depicts the ammunition, explosives, and/or pyrotechnics required for proper training of the ITS.
  - j. This section includes a list of any currently available MCI publications designed to provide training; related to this task.

ENCLOSURE (6)

MOS 9952, SCUBA/UBA MARINE (OFFICER/ENLISTED)

DUTY AREA 01 - OPEN-CIRCUIT DIVE OPERATIONS

TASK: 9952.01.01 PREPARE INDIVIDUAL DIVE EQUIPMENT

CONDITION(S): Given a dive mission brief by a designated dive supervisor, and open-circuit diving equipment, and combat equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Inspect
  - a. Individual diver dress (wet/dry suit).
  - b. Breathing system.
  - c. Pressure guage.
  - d. Depth guage.
  - e. Buoyancy compensator (BC).
  - f. Dive mask and snorkel.
  - g. Fins.
  - h. Dive knife.
  - i. Day/Night flare.
  - j. Compass.
  - k. Watch.
  - l. Weight belt.
  - m. Combat equipment.
2. Identify all discrepancies and defects.
3. Correct or refer all discrepancies and defects to the dive supervisor.

REFERENCES:

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (24) Req By (Pvt)

Appendix A to  
ENCLOSURE (6)

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TRAINING MATERIEL:

1. Buoy Line
  2. Closed Circuit Dive System, SL-3 complete
  3. \* Dive Dress (Wet Suit/Dry Suit)
  4. Dive Platform (Small craft, Submarine, etc.)
  5. \* Open Circuit Dive System, SL-3 complete
  6. Plane Boards
  7. Recovery Ladder
  8. Recovery Snare
  9. Search Lines
  10. Sling Rope with Stubai Locking "D"
  11. Special Insertion and Extraction (SPIE) System
  12. Underwater Signaling Device
  13. Weight Clamp
- 

TASK: 9952.01.02 DON INDIVIDUAL DIVE EQUIPMENT

CONDITION(S): Given a dive mission brief by a designated dive supervisor, open-circuit diving equipment and combat equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Don individual diver dress (wet suit/dry suit).
2. Don buoyancy compensator (BC).
3. Don breathing system.
4. Don mask and snorkel.
5. Don fins.
6. Don dive knife.
7. Don Day/Night flare.
8. Don pressure gauge.
9. Don depth gauge.

10. Don compass.
11. Don watch.
12. Don weight belt.
13. Don combat equipment.

REFERENCE (S) :

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (24) Req By  
(Pvt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. \* Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. \* Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device
13. Weight Clamp

AMMUNITION:

DODIC	NOMENCLATURE	INITIAL PROFICIENCY	PER ITERATION	ANNUAL SUSTAINMENT
L283	SIGNAL, SHK & ILIUM, M9124-	1	1	0

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TASK: 9952.01.03 EXECUTE WATER ENTRY

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CONDITION(S): Given a dive mission brief by a designated dive supervisor, an open-circuit diving system and combat equipment.

STANDARD(S): Per the supervisor's brief and the references.

PERFORMANCE STEPS:

1. Be inspected by the dive supervisor.
2. Enter the water on command.
3. Check individual equipment.
4. Conduct buddy checks.
5. Commence dive Mission.

REFERENCE(S):

1. FM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (24) Req By (Pvt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. \* Dive Dress (Wet Suit/Dry Suit)
4. \* Dive Platform (Small craft, Submarine, etc.)
5. \* Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device
13. Weight Clamp

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TASK: 9952.01.04      COMMUNICATE UNDERWATER

Appendix A to  
ENCLOSURE (6)

CONDITION(S): Given a dive mission brief by a designated dive supervisor, required diving and combat equipment.

STANDARD(S): Per the dive supervisor's brief and the references.

PERFORMANCE STEPS:

1. Initiate and respond to hand and arm signals.
2. Use dive slate.
3. Initiate and respond to line pulls.
4. Initiate and respond to tap signals.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (24) Req By (Pvt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device
13. Weight Clamp

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AMMUNITION:

DODIC	NOMENCLATURE	INITIAL PROFICIENCY	PER ITERATION	ANNUAL SUSTAINMENT
L283	SIGNAL, SMK & ILLUM, MK124-	1	1	0

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TASK: 9952.01.05 NAVIGATE UNDERWATER

CONDITION(S): Given a dive mission brief by a designated dive supervisor, and open-circuit or closed circuit diving equipment, and combat equipment.

STANDARD(S): For a minimum of one thousand meters without breaking the surface with an accuracy of 25 meters of the intended target.

PERFORMANCE STEPS:

1. Set designated azimuth on underwater compass.
2. Swim on azimuth to the designated target.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (24) Req By (Pvt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device

Appendix A to  
ENCLOSURE (6)



13. Weight Clamp

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TASK: 9952.01.06 CONDUCT UNDERWATER SEARCH

CONDITION(S): Given a dive mission brief to locate and or recover lost object(s) by a designated dive supervisor, diving equipment, and combat equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Conduct circle-line search.
2. Conduct in-line search.
3. Conduct jack-stay search.
4. Conduct towed search.
5. Conduct ship bottom search.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (2) Req By (Pvt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device

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13. Weight Clamp

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TASK: 9952.01.07 CONDUCT SUBMARINE LOCK-IN/LOCK-OUT OPERATIONS

CONDITION (S) Given a dive mission brief by a designated dive supervisor, diving equipment, combat equipment, and a naval submarine.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Receive mission brief.
2. Inspect individual equipment.
3. Prepare individual equipment.
4. Assist in preparing unit equipment.
5. Execute a lock-out by following the steps below:
  - a. Exit subsurface craft on order.
  - b. Attach to submarine.
  - c. Detach from submarine.
  - d. Debark submarine on order.
6. Execute a lock-in by following the steps below:
  - a. Rendezvous with subsurface craft.
  - b. Attach to subsurface craft on order.
  - c. Enter subsurface craft on order.
7. Maintain control of equipment.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. NWP 79-0-4, Submarine Special Operations Manual, Unconventional Warfare (Confidential)
3. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Performance steps 5.b. and 5.c. are required for multiple-diver lock-outs.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (3) Req By (Pvt)

Appendix A to  
ENCLOSURE (6)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device
13. Weight Clamp

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DUTY AREA 02 - CLOSED-CIRCUIT DIVE OPERATIONS

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TASK: 9952.02.01 PREPARE DIVE EQUIPMENT

CONDITION(S): Given a dive mission brief by a designated dive supervisor, closed-circuit diving equipment, and combat equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Inspect the following items:
  - a. Dive dress (wet suit/dry suit).
  - b. Closed-Circuit breathing system.
  - c. Buoyancy compensator (BC).
  - d. Mask.
  - e. Fins.
  - f. Dive knife.
  - g. Day/Night flare.
  - h. Depth guage.
  - i. Compass.
  - j. Watch.
  - k. Weight belt.
  - l. Combat equipment.
2. Identify all equipment discrepancies and defects.
3. Correct or properly refer all equipment discrepancies and defects to the dive supervisor.

REFERENCE (S) :

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Task taught to full standard at formal school, however, qualified 9952 Marines may be trained to standard by parent unit.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

Appendix A to  
ENCLOSURE (6)

TRAINING MATERIEL:

1. Buoy Line
  2. Closed Circuit Dive System, SL-3 complete
  3. Dive Dress (Wet Suit/Dry Suit)
  4. Dive Platform (Small craft, Submarine, etc.)
  5. Open Circuit Dive System, SL-3 complete
  6. Plane Boards
  7. Recovery Ladder
  8. Recovery Snare
  9. Search Lines
  10. Sling Rope with Stubai Locking "'D"
  11. Special Insertion and Extraction (SPIE) System
  12. Underwater Signaling Device
  13. Weight Clamp
- 

TASK: 9952.02.02 DON DIVE EQUIPMENT

CONDITION: Given a dive mission brief by a designated dive supervisor, closed-circuit diving equipment, and combat equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Don individual dive dress (Wet suit/Dry suit).
2. Don breathing system.
3. Don buoyancy compensator.
4. Don mask.
5. Don fins.
6. Don dive knife.
7. Don day/night flare.
8. Don depth guage.
9. Don compass.

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10. Don watch.
11. Don weight belt.
12. Don combat equipment.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Qualified 9952 Marines may be trained to standard by their parent command.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (24) Req By (Pvt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device
13. Weight Clamp

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TASK: 9952.02.03 EXECUTE WATER ENTRY

CONDITION(S): Given a dive mission brief by a designated dive supervisor, closed-circuit diving system and combat equipment.

STANDARD(S): Per the supervisor's brief and the references.

Appendix A to  
ENCLOSURE (6)

PERFORMANCE STEPS:

1. Be inspected by the dive supervisor.
2. Conduct a surface purge of the system.
3. Enter the water on command.
4. Check individual equipment.
5. Conduct buddy checks.
6. Commence dive mission.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Qualified 9952 Marines may be trained to standard by their parent command.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (24) Req By (Pvt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. \* Dive Dress (Wet Suit/Dry Suit)
4. \* Dive Platform (Small craft, Submarine, etc.)
5. \* Open Circuit Dive System, SL-3 complete
6. Plane Boards
7. Recovery Ladder
8. Recovery Snare
9. Search Lines
10. Sling Rope with Stubai Locking "D"
11. Special Insertion and Extraction (SPIE) System
12. Underwater Signaling Device
13. Weight Clamp

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DUTY AREA 03 - DIVE SUPERVISOR

TASK: 9952.03.01 PLAN SCUBA OPERATION

CONDITION(S): Assigned as the dive supervisor for a dive mission, and given the required number of personnel and equipment.

STANDARD(S): Utilizing all procedures required for pre-dive, dive, and post-dive performance per the references.

PERFORMANCE STEPS:

1. Define objectives by conducting a mission analysis.
2. Collect and analyze data.
3. Establish operational requirements (tasks).
4. Establish logistical requirements.
5. Select diving technique.
6. Select equipment and supplies.
7. Select and assemble the diving team.
8. Make final preparations and check all safety precautions.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Qualified 9952 Marines may be trained to standard by their parent command.
2. Certification in writing by the responsible unit commander remains valid by Marine Corps directive.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Military Rotary Wing Aircraft (Cargo, Transport)

Appendix A to  
ENCLOSURE (6)



6. Open Circuit Dive System, SL-3 complete
  7. Plane Boards
  8. Recovery Ladder
  9. Recovery Snare
  10. Rigging Equipment
  11. Search Lines
  12. Sling Rope with Stubai Locking "D"
- 

TASK: 9952.03.02 SUPERVISE DIVE OPERATION

CONDITION(S): Assigned as the dive supervisor for a dive mission, and given the required number of personnel and equipment.

STANDARD(S): Utilizing all procedures required for pre-dive, dive, and post-dive performance per the references.

PERFORMANCE STEPS:

1. Prepare the dive brief.
2. Issue the dive brief.
3. Supervise diver preparation of equipment.
4. Supervise the donning of the dive equipment.
5. Inspect dive personnel and equipment.
6. Supervise the dive operation.
7. Account for all dive personnel and equipment.
8. Conduct debrief of the dive operation.

REFERENCE (S) :

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Qualified 9952 Marines may be trained to standard by their parent command.
2. Certification in writing by the responsible unit commander remains valid by Marine Corps directive.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

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TRAINING MATERIEL:

1. Buoy Line
  2. Closed Circuit Dive System, SL-3 complete
  3. Dive Dress (Wet Suit/Dry Suit)
  4. Dive Platform (Small craft, Submarine, etc.)
  5. Military Rotary Wing Aircraft (Cargo, Transport)
  6. Open Circuit Dive System, SL-3 complete
  7. Plane Boards
  8. Recovery Ladder
  9. Recovery Snare
  10. Rigging Equipment
  11. Search Lines
  12. Sling Rope with Stubai Locking "D"
- 

TASK: 9952.03.03 PLAN SUBMARINE LOCK-OUT/LOCK-IN OPERATIONS

CONDITION(S): Assigned as the dive supervisor for a dive mission, given an operations brief, required number of personnel and equipment, submarine and the requirement to conduct lock-out/lock-in operations.

STANDARD(S): Utilizing all procedures required for pre-dive, dive, and post-dive performance per the references.

PERFORMANCE STEPS:

1. Conduct Mission analysis to identify and define objectives.
2. Collect and analyze data.
3. Establish operational missions (tasks).
4. Coordinate with launch vessel.
5. Identify equipment and supplies.
6. Make final preparations and check all safety precautions.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations

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ENCLOSURE (6)

2. NWP 79-0-4, Submarine Special Operations Manual, Unconventional Warfare (Confidential)

3. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Qualified 9952 Marines may be trained to standard by their parent command.

2. Certification in writing by the responsible unit commander remains valid by Marine Corps directive.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Military Rotary Wing Aircraft (Cargo, Transport)
6. Open Circuit Dive System, SL-3 complete
7. Plane Boards
8. Recovery Ladder
9. Recovery Snare
10. Rigging Equipment
11. Search Lines
12. Sling Rope with Stubai Locking "D"

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TASK: 9952.03.04 SUPERVISE SUBMARINE LOCK OUT/LOCK IN OPERATIONS

CONDITION(S): Assigned as the dive supervisor for a dive mission, given an operations brief, required number of personnel and equipment, submarine and the requirement to conduct lock out/lock in operations.

STANDARD(S): Utilizing designated launch and recovery techniques, per the references.

PERFORMANCE STEPS:

1. Plan operations.
2. Prepare operations brief.

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3. Issue operations brief.
4. Supervise personnel preparation of individual and unit equipment.
5. Conduct personnel and unit equipment inspection.
6. Conduct crew brief.
7. Inspect and test submarine trunk.
8. Supervise loading of personnel and equipment.
9. Conduct lock out/lock in operations.
10. Account for all personnel and equipment.
11. Conduct debrief of operations.

REFERENCE(S):

1. FMFM 7-45/FM 31-25, Special Forces Waterborne Operations
2. NWP 79-0-4, Submarine Special Operations Manual, Unconventional Warfare (Confidential)
3. U.S. NAVY, Diving Manual, Volume 1

ADMINISTRATIVE INSTRUCTIONS:

1. Qualified 9952 Marines may be trained to standard by their parent command.
2. Certification in writing by the responsible unit commander remains valid by Marine Corps directive.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. Buoy Line
2. Closed Circuit Dive System, SL-3 complete
3. Dive Dress (Wet Suit/Dry Suit)
4. Dive Platform (Small craft, Submarine, etc.)
5. Military Rotary Wing Aircraft (Cargo, Transport)
6. Open Circuit Dive System, SL-3 complete
7. Plane Boards
8. Recovery Ladder
9. Recovery Snare

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10. Rigging Equipment
11. Search Lines
12. Sling Rope with Stubai Locking "D"

Appendix A to  
ENCLOSURE (6)

6-A-19

MOS 9962, PARACHUTIST (OFFICER/ENLISTED)

DUTY AREA 01 - MILITARY STATIC LINE PARACHUTE JUMPING

TASK: 9962.01.01 PERFORM PRE-JUMP TRAINING

CONDITION(S): Given a mockup aircraft, main parachute, reserve parachute, helmet, combat equipment, and a parachute landing fall pit.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Attend jump brief.
2. Review five points of performance.
3. Review collisions and entanglements.
4. Review towed parachutist procedures.
5. Review malfunctions.
6. Review activation of the reserve.
7. Review emergency landings.
8. Review actions in the aircraft.
9. Review exit procedures.
10. Review landing procedures/five points of contact.
11. Review equipment recovery procedures.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. Pre-Jump training is mandatory for all personnel involved in jump operations to be conducted within 24 hours prior to airborne operations.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. \* B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear

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4. M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. \* Parachute Fit Bag
7. Standard A Helmet
8. \* Static Line Extension
9. \* T-10 Reserve Parachute

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TASK: 9962.01.02 EXECUTE PRE-JUMP TRAINING FOR THE INTENTIONAL WATER JUMP

CONDITION(S): Given a controlled water environment (pool) with main parachute canopy stretched across the top of the water, and suspended harness, while wearing pro-tech helmet and fins.

STANDARD(S): While preventing fouling of the canopy and suspension lines, per the references.

PERFORMANCE STEPS:

1. Complete harness training.
2. Complete wet nylon training.
3. Demonstrate correct technique of following seams of parachute to outer edge and clear parachute.
4. Demonstrate correct technique to pick wet parachute out of the water to form an air pocket and breathe from the same.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. Must be performed within 24 hours of intentional water jump.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (12) Req  
By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute

Appendix B to  
ENCLOSURE (6)

6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute
10. Training Pool

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TASK: 9962.01.03 PREPARE INDIVIDUAL COMBAT EQUIPMENT FOR PARACHUTE OPERATIONS

CONDITION(S): Given individual combat equipment, H-Harness, and lowering line.

STANDARD(S): Per the references and the Jumpmasters equipment inspection.

PERFORMANCE STEPS:

1. Prepare helmet.
2. Prepare individual T/O weapon.
3. Prepare container, weapons, and individual equipment (CWIE).
4. Prepare M-1950 Weapon's Case.
5. Prepare combat pack with harness and lowering line.
6. Prepare cold weather/arctic equipment, as required.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. Unit SOP's specify ways of packing equipment and other mission essential items consistent with safety requirements and the references.
2. The combat pack and rucksack may be prepared with single-point release and lowering line. The U. S. Army still uses some dual-point release assemblies, refer to unit SOP.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case



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5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962-01.04 DON PARACHUTE, RESERVE AND COMBAT EQUIPMENT FOR PARACHUTE OPERATIONS

CONDITION(S): Given a main parachute, reserve parachute, and individual combat equipment.

STANDARD(S): In compliance with the references and by passing the Jumpmaster's equipment inspection.

PERFORMANCE STEPS:

1. Don and adjust main parachute.
2. Don reserve parachute.
3. Don and strap helmet.
4. Don and adjust strap or CWIE, if required.
5. Don rucksack with harness and lowering line.
6. Don M-1950 weapons case, as required.
7. Don and adjust cold weather/arctic equipment, as required.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag

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ENCLOSURE (6)

7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.05 EXECUTE JUMP COMMANDS FOR FIXED WING AIRCRAFT

CONDITION(S): Given a fixed wing aircraft (C-141, C-130, or C-17), a main parachute, reserve parachute, combat equipment, and helmet.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Get ready.
2. Stand up - Outboard personnel (jumpers).
3. Stand up - Inboard personnel (jumpers).
4. Hook up.
5. Check static lines.
6. Check equipment.
7. Sound off for equipment check.
8. Stand by.
9. Go.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet

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8. Static Line Extension
  9. T-10 Reserve Parachute
- 

TASK: 9962.01.06 REACT TO JUMP COMMANDS FOR CH-53 AND CH-46 HELICOPTER

CONDITION(S): Given a CH-53 or CH-46 helicopter, main parachute, reserve parachute, combat equipment, and helmet.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Get ready.
2. Stand up.
3. Hook up.
4. Check static line.
5. Check equipment.
6. Sound off for equipment check.
7. Stand by.
8. Go.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training
2. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. The jump command "Stand on Ramp" and the action on the command "Hook up" and "Go" differ from FMFM 7-41 to FM 57-220.
2. Jumpers will receive instruction on procedures during Jumpmaster brief and pre-jump training.

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case

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ENCLOSURE (6)

5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.07 REACT TO JUMP COMMANDS FOR UH-1 OR UH-60 HELICOPTER

CONDITION(S): Given a UH-1 or UH-60 helicopter, main parachute, reserve parachute, combat equipment, and helmet.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Execute the following jump commands on the ground:
  - a. Hook-up.
  - b. Check static lines.
  - c. Check equipment.
  - d. Sound off for equipment check.
2. Execute the following jump commands in the aircraft:
  - a. Unbuckle.
  - b. Sit in the door 30 seconds prior to the drop zone.
  - c. Stand by.
  - d. Go.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case

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5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.08 DEMONSTRATE THE USE OF A STATIC LINE EXTENSION

CONDITION(S): Given a main parachute, reserve parachute, and helmet, and one static line extension per Marine, while under the supervision of the Jumpmaster.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Ensure the static line extension is passed through the protection sleeve.
2. Hook the static line snaphook to the static line extension and insert the safety wire.
3. Slide the protective sleeve over the static line snaphook.
4. Take a reverse bight, at waist level.
5. Get approximately eight (8) inches of the static line in right hand.
6. Include the static line snaphook and the protective sleeve in the grasp.
7. Ensure static line is routed properly.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. The Jumpmaster will inspect each jumper to ensure the static line extension is passed through the protective sleeve, the static line snaphook is hooked to the static line extension and that the safety wire is inserted. The Jumpmaster will give each jumper a verbal Okay upon completing the inspection.

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear

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4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.09 EXECUTE EXIT PROCEDURES FOR FIXED WING AIRCRAFT

CONDITION(S): Given a main parachute, reserve parachute, helmet, and a fixed wing aircraft while under the supervision of the Jumpmaster.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Move to the door at a normal walking pace without shuffling on the command "Go".
2. Pass the static line to the assistant Jumpmaster or safety personnel.
3. Place hands on ends of the reserve parachute.
4. Exit at an angle of about 20-30 degrees toward the rear of the aircraft.
5. Drop off platform, do not jump.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Preliminary) Sustainment (3) Req  
By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension

9. T-10 Reserve Parachute

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TASK: 9962.01.10 EXECUTE EXIT PROCEDURES FOR CH-53 AND CH-46 HELICOPTER

CONDITION(S): Given a static line extension, main parachute, reserve parachute, helmet, and a CH-53 or CH-46 helicopter, and while under the supervision of the Jumpmaster.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Keep ears and eyes open and on the Jumpmaster at all times.
2. Maintain control of static line while inside the helicopter.
3. Maintain one (1) second interval between each jumper on exiting.
4. Step off ramp, do not jump.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
  2. H-Harness and Lowering Line
  3. Individual 782 Gear
  4. M-1950 Weapons Case
  5. MC1-1B or MC1-1C Main Parachute
  6. Parachute Kit Bag
  7. Standard A Helmet
  8. Static Line Extension
  9. T-10 Reserve Parachute
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TASK: 9962.01.11 EXECUTE EXIT PROCEDURES FOR UH-1, UH-60 HELICOPTER

CONDITION(S): Given a main parachute, reserve parachute, helmet, one static line, and a UH-1 or UH-60 helicopter and while under the supervision of a Jumpmaster.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Keep ears and eyes open and on the Jumpmaster at all times.
2. Upon receiving the command "Go" number one (1) jumper in the right door pushes up and out with both hands.
3. Number two (2), three (3), and four (4) jumpers follow.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.12 EXECUTE THE FIVE POINTS OF PERFORMANCE

CONDITION(S): Given a position in a stick, main parachute, reserve parachute, helmet and the command "GO" while under the supervision of the Jumpmaster.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Check body position and count.
2. Check canopy and gain canopy control.
3. Keep a sharp look out during descent.
4. Prepare to land.
5. Execute a parachute landing fall (PLF) on landing.



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REFERENCE (S)

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. The first point of performance "check body position and count". The count will be 4 thousand (4000) for fixed wing and 6 thousand (6000) for rotary wing aircraft being jumped.
2. The forth point of performance will be modified if jumping with combat equipment and also will be covered in the jump brief.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.13 MANEUVER THE MAIN PARACHUTE

CONDITION(S): Given a deployed main parachute, reserve parachute, and helmet.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Determine wind direction.
2. Execute "HOLDING".
3. Execute "RUNNING".
4. Execute "TURNING".
5. Execute "SLIPPING" (Reserve parachute only).
6. Execute "CRABBING".

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REFERENCE (S)

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.14 PERFORM PARACHUTE LANDING FALL (PLF)

CONDITION(S): Given a main parachute, reserve parachute, and helmet.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Perform a front right PLF.
2. Perform a front left PLF.
3. Perform a rear right PLF.
4. Perform a rear left PLF.
5. Perform a right side PLF.
6. Perform a left side PLF.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

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TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
  2. H-Harness and Lowering Line
  3. Individual 782 Gear
  4. M-1950 Weapons Case
  5. MC1-1B or MC1-1C Main Parachute
  6. Parachute Kit Bag
  7. Standard A Helmet
  8. Static Line Extension
  9. T-10 Reserve Parachute
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TASK: 9962.01.15 REACT TO ACCIDENTAL ACTIVATION OF RESERVE PARACHUTE  
INSIDE THE AIRCRAFT

CONDITION(S): Given an aircraft, main parachute, reserve parachute, and the  
accidental activation of a reserve parachute inside the aircraft.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Contain reserve parachute, jumper moves away from the open door.
2. Canopy of the reserve is pulled outside of the aircraft:
  - a. Jumper exits the aircraft as quickly as possible, whether he  
has hooked up, or not.
  - b. Any parachutist between the jumper and the door must exit  
immediately.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. In a rotary wing aircraft, no attempt is made to stop a jumper if the  
reserve parachute is deployed.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By  
(Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver

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2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. Static Line Extension
9. T-10 Reserve Parachute

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TASK: 9962.01.16 REACT TO A TOTAL PARACHUTE MALFUNCTION AND A DELAY OPENING

CONDITION(S): Given a main parachute, reserve parachute, helmet, and the knowledge that a jumper has not received the opening shock caused by the inflation of the main parachute canopy.

STANDARD(S): Successfully activate the reserve parachute per the references.

PERFORMANCE STEPS:

1. Remain in a good tight body position.
2. Feet and knees together.
3. Grasp the left carrying handle of the reserve parachute with the left hand.
4. Turn head left or right.
5. Pull rip cord grip with right hand and drop it to the ground.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. MC1-1B or MC1-1C Main Parachute

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6. Parachute Kit Bag
  7. Standard A Helmet
  8. Static Line Extension
  9. T-10 Reserve Parachute
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TASK: 9962.01.17 REACT TO PARTIAL MALFUNCTION

CONDITION(S): Given a main parachute, reserve parachute, helmet, and a partial parachute malfunction during a jump.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. React to the complete inversion:
  - a. Activate the reserve parachute immediately, if the canopy is damaged or if risers prevent jumper from checking canopy.
  - b. Reverse maneuvering techniques if the complete inversion occurs with the main parachute. (The T-U shaped modification may be located to the jumper's front; the jumper must reverse his maneuvering techniques.)
2. React to the stable and spinning semi-inversion or Mae West:
  - a. Activate the reserve parachute immediately.
  - b. Use the down and away method.
3. React to the semi-inversion with roll or cigarette roll:
  - a. Snap back into a tight body position.
  - b. Activate the reserve parachute using the pull drop method.
4. React to blown sections:
  - a. Activate the reserve parachute.
  - b. Use the down and away method.
5. React to broken suspension lines:
  - a. Immediately activate the reserve parachute if rate of descent is faster than fellow jumpers.
  - b. Use the down and away method.
6. React to broken control lines:
  - a. Control the canopy by pulling only one of the rear risers in the

direction wished to turn, if one or both control lines on the main parachute are broken.

b. Anticipate turns earlier and react faster because the parachute will turn slower.

c. The jumper should use only the rear set of risers.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. \* H-Harness and Lowering Line
3. \* Individual 792 Gear
4. \* M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. \* Parachute Kit Bag
7. Standard A Helmet
8. \* Static Line Extension
9. \* T-10 Reserve Parachute

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TASK: 9962.01.18 REACT TO TWISTED RISERS AND SUSPENSION LINES

CONDITION(S): Given a main parachute, reserve parachute, helmet, and during a jump suspended below a canopy with twisted risers and suspension lines.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. React behind the head.
2. Grasp a set of risers in each hand, thumbs down, palms to front.
3. Pull outward.
4. Kick legs in a bicycle motion until the last twist comes out.

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5. Activate the reserve parachute if twists are all the way up and jumper cannot move head up, or if jumper's rate of descent is faster than fellow jumpers.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. \* H-Harness and Lowering Line
3. \* Individual 782 Gear
4. M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. \* Parachute Kit Bag
7. Standard A Helmet
8. \* Static Line Extension
9. \* T-10 Reserve Parachute

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TASK: 9962.01.19 REACT TO AVOID A COLLISION OR ENTANGLEMENT BETWEEN JUMPERS

CONDITION(S): Given a main parachute, reserve parachute, helmet, individual suspended under a canopy, and in close proximity to a fellow jumper.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Execute a right turn or slip away to avoid a collision.
2. Lower jumper has right of way.
3. If contact is imminent, assume spread eagle position.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver

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2. \* H-Harness and Lowering Line
3. Individual 782 Gear
4. M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. \* Parachute Kit Bag
7. Standard A Helmet
8. \* Static Line Extension
9. \* T-10 Reserve Parachute

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TASK: 9962.01.20 PERFORM EMERGENCY PROCEDURES FOR ENTANGLEMENT WITH A MAIN OR RESERVE PARACHUTE

CONDITION(S): Given a main parachute, reserve parachute, helmet, wind direction and two entangled jumpers.

STANDARD(S): Per the references pertaining to the MC1-1B, MC1-1C, or T-10 parachute entanglement.

PERFORMANCE STEPS:

1. Remain where you are (MC1-1B/C).
2. Activate reserve parachute using the down and away method. Do not attempt to climb down. Decide on which side to do a parachute landing fall (PLF).
3. For T-10 reserve parachute, upper jumper grabs the parachute and moves down the suspension lines of the lower parachutist until each jumper can hold the main lift web of each others parachute.
  - a. If neither parachutist has a fully inflated canopy, the upper parachutist activates his reserve.
  - b. If both canopies collapse, both jumpers activate reserve parachutes.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. H-Harness and Lowering Line
3. Individual 782 Gear



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4. M-1950 Weapons Case
  5. \* MC1-1B or MC1-1C Main Parachute
  6. Parachute Kit Bag
  7. Standard A Helmet
  8. \* Static Line Extension
  9. \* T-10 Reserve Parachute
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TASK: 9962.01.21 PERFORM EMERGENCY PROCEDURES FOR A TREE LANDING

CONDITION(S): Given a main and reserve parachute, helmet, and an imminent emergency tree landing situation.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Attempt to avoid the obstacle utilizing slips or turns.
2. Assume a normal prepare-to-land attitude.
3. Retain combat equipment if not already lowered.
4. Check below, then jettison combat equipment if already lowered.
5. Maintain canopy control until making contact with trees.
6. Rotate arms inward and press elbows firmly down against the reserve parachute.
7. Prepare to execute a PLF if passing through the trees.
8. If hung up in trees:
  - a. Grab risers high and tugs to pull free, and prepare to perform a good PLF in case he drops).
  - b. Lower combat equipment if not jettisoned.
  - c. Activate the reserve parachute and climb down the outside of it if hung up in trees. If higher than 35 feet do not attempt to activate the reserve parachute and climb down.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

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TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. \* H-Harness and Lowering Line
3. \* Individual 782 Gear
4. M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. \* Static Line Extension
9. \* T-10 Reserve Parachute

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TASK: 9962.01.22 PERFORM EMERGENCY PROCEDURES FOR A WATER LANDING

CONDITION(S): Given a main parachute, reserve parachute, helmet, and a situation which requires an emergency water jump landing.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Attempt to avoid the water.
2. Prepare to land.
3. Remain well seated in the harness saddle.
4. Remove helmet, look below and drop it.
5. Undo lower tie down on weapons carrying case.
6. Locate the two 18 inch attaching straps on combat equipment.
7. Look below and make sure area is clear, pull down and out on the straps and either lower or jettison combat equipment.
8. Pull the quick release in waistband.
9. Unfasten the left side of reserve and push it behind the right arm.
10. Remove all equipment secured to the parachute harness that may hinder its removal in the water.

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11. Release the chest strap and continue to maneuver parachute until just prior to entering the water.
12. Assume a prepare-to-land attitude with feet and knees together but with hands grasping the quick ejector snaps of both leg straps. Release the leg straps when feet touch the water.
13. Remain in this position until the balls of the feet make contact with the water.
14. Throw arms up and arch out of harness, when entering water.
15. Prepare to do a normal parachute landing fall (PLF), when entering the water.
16. Swim upstream or upwind away from the equipment.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

1. Performance steps six and seven above will follow the below procedures when a single-point release and lowering line are used:

- a. #6. Locate release handle on the single-point release.
- b. #7. Look below and make sure the area is clear, pull the release handle on the single-point release assembly, but do not jettison combat equipment.

When wearing the B-5 (vest-type Mae West), the parachute does not inflate the life preserver until the parachute harness is removed. The force of inflation, if restricted by the harness, may crush jumpers ribs.

2. Do not remove the harness or equipment if the jumper is wearing the B-7 life preserver (the B-7 will support 500 pounds). Activate the B-7 after checking the canopy and prior to entering the water.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. \* B-7 or B-5 Life Vest/Preserver
2. \* H-Harness and Lowering Line
3. \* Individual 782 Gear
4. \* M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet

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8. \* Static Line Extension
  9. \* T-10 Reserve Parachute
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TASK: 9962.01.23 PERFORM EMERGENCY PROCEDURES FOR A WIRE LANDING

CONDITION(S): Given a main parachute, reserve parachute, helmet, and a situation involving an emergency wire landing.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Attempt to avoid the wire obstacle.
2. Keep feet and knees together and toes pointed downward.
3. Lower, check below then jettison combat equipment.
4. Hold hands high inside the front risers with palms out.
5. Keep chin on chest and body straight.
6. Prepare to do a PLF.
7. If the main parachute contacts wires:
  - a. Initiate a rocking motion.
  - b. Push forward on the front set of risers.
  - c. Attempt to work through the wires.
  - d. Prepare to do a PLF.
8. If unable to pass through wire(s), remain motionless until help arrives and power is turned off.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. \* H-Harness and Lowering Line
3. \* Individual 782 Gear
4. M-1950 Weapons Case

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5. \* MC1-1B or MC1-1C Main Parachute
  6. Parachute Kit Bag
  7. Standard A Helmet
  8. \* Static Line Extension
  9. \* T-10 Reserve Parachute
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TASK: 9962.01.24 EXECUTE TOWED JUMPER PROCEDURES

CONDITION(S): Given a main parachute, reserve parachute, helmet, and a situation requiring the execution of towed jumper procedures.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Remain in a good tight body position.
2. Place left hand on your head.
3. Place the right hand over the reserve parachute ripcord grip.
4. Activate the reserve by using the pull down method, if cut free.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
  2. \* H-Harness and Lowering Line
  3. \* Individual 782 Gear
  4. \* M-1950 Weapons Case
  5. \* MC1-1B or MC1-1C Main Parachute
  6. Parachute Kit Bag
  7. Standard A Helmet
  8. \* Static Line Extension
  9. \* T-10 Reserve Parachute
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TASK: 9962.01.25 RECOVER FROM PARACHUTE DRAG DURING HIGH WIND CONDITIONS

CONDITION(S): While being dragged by the main or reserve parachute canopy.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Execution steps for the hand and shoulder method:
  - a. Release the canopy from the harness by inserting the thumbs of both hands through the cable loops of the cable loop release assemblies.
  - b. Pull out and away from the body with a short, quick jerk or tug.
2. Execution steps for the hand assist method:
  - a. Release one riser from the harness by inserting one thumb through one cable loop of the canopy release assembly.
  - b. Support that hand with the other hand.
  - c. Pull out and down.
  - d. Repeat step C, for the other canopy release assembly, if the canopy does not collapse.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vest/Preserver
2. \* H-Harness and Lowering Line
3. \* Individual 782 Gear
4. \* M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. \* Static Line Extension
9. \* T-10 Reserve Parachute

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TASK: 9962.01.26 IDENTIFY THE BUDDY-ASSIST METHOD OF RECOVERY

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CONDITION(S): Given a jumper, who cannot help himself, being dragged by an inflated canopy.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Grasp the apex or skirt of the jumper's canopy.
2. Pull it into the direction of the wind and collapse it.
3. Activate the canopy release to detach canopy.

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. B-7 or B-5 Life Vast/Preserver
2. \* H-Harness and Lowering Line
3. \* Individual 782 Gear
4. \* M-1950 Weapons Case
5. \* MC1-1B or MC1-1C Main Parachute
6. Parachute Kit Bag
7. Standard A Helmet
8. \* Static Line Extension
9. \* T-10 Reserve Parachute

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TASK: 9962.01.27 EXECUTE RECOVERY OF AIRBORNE EQUIPMENT ON DROP ZONE

CONDITION(S): Given a main and/or reserve parachute, harness, kit bag and any other items or equipment used during a jump.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Execution steps for training environment:
  - a. Place the harness on the inside of the aviator kit bag.
  - b. Roll the canopy into a "figure eight" and place inside the aviator kit bag and run the waist band through the bridle loop at the apex.

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- c. Close the kit bag using the snap fasteners.
- d. Attach a T-10 reserve to the kit bag.
- 2. Execution step for a tactical environment:
  - a. Bury.
  - b. Conceal.
  - c. Sink.

REFERENCE(S):

- 1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By  
(Pvt)

TRAINING MATERIEL:

- 1. B-7 or B-5 Life Vest/Preserver
- 2. \* H-Harness and Lowering Line
- 3. \* Individual 782 Gear
- 4. M-1950 Weapons Case
- 5. \* MC1-1B or MC1-1C Main Parachute
- 6. \* Parachute Kit Bag
- 7. Standard A Helmet
- 8. Static Line Extension
- 9. \* T-10 Reserve Parachute

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DUTY AREA 02 - MILITARY FREE FALL PARACHUTING

TASK: 9962.02.01 PACK RAM AIR PARACHUTE SYSTEM (RAPS)

CONDITION(S): Given a RAPS and the requirement to pack the parachute under field conditions.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Place the RAPS canopy in proper layout.
2. Fold canopy.
3. Place canopy in the deployment bag.
4. Stow the suspension lines.
5. Place the deployment bag in the container.
6. Close the container.
7. Perform final check.

REFERENCE(S):

1. TM 10-1670-264-13P, Organization and Direct Support Maintenance Manual Including Repair Parts and Special Tools List for Internal RAM-AIR Parachute System

ADMINISTRATIVE INSTRUCTIONS:

1. The parachute will be packed under rigger supervision.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios

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10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. \* MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. \* Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.02 SET AUTOMATIC RIPCORD RELEASE (ARR)

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CONDITION(S): Given an ARR and a millibar setting.

STANDARD(S): Per the references and passing the Jumpmaster's inspection after donning.

PERFORMANCE STEPS:

1. Receive the automatic ripcord release assembly.
2. Check visually the indicator window and observe location of the two white marks.
3. Set automatic ripcord release (slotted screw).

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. \* FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. \* MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask

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19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.03 INSPECT PERSONNEL OXYGEN SYSTEM

CONDITION(S): Prior to conducting a free fall jump, and given one of the following systems, MBU-5/P, MBU-12/P, or portable bailout oxygen system and a face mask.

STANDARD(S): Per the references and passing the Jumpmasters inspection.

PERFORMANCE STEPS:

1. Mask check:
  - a. Cracks.
  - b. Leaks.
  - c. Fit.
2. Check the hose.
3. Check hose connections.

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4. Check bailout system.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vast/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)

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24. Parachute Kit Bag
  25. Personnel Oxygen System
  26. Portable oxygen System
  27. Portable/Bailout Oxygen System
  28. Radio, Callsigns and Frequencies
  29. Safety Vehicle
  30. Standard A Helmet
  31. Static Line Extension
  32. T-10 Reserve Parachute
  33. T/O Weapon (M16A2, M-9, M249, etc.)
  34. Tree Climbing Gaff
  35. VS-17 Panels
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TASK: 9962.02.04 PACK EQUIPMENT

CONDITION(S): Given a kit bag, combat pack, and a variety of mission equipment to be packed.

STANDARD(S): Per the reference.

PERFORMANCE STEPS:

1. Layout equipment.
2. Check equipment.
3. Pack equipment.
4. Ensure padding is utilized for jumper and equipment safety.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver

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4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension

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32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.05 RIG EQUIPMENT

CONDITION(S): Given the required free fall equipment, kit bag, and combat gear.

STANDARD(S): Passing a Jumpmasters inspection and per the references.

PERFORMANCE STEPS:

1. Prepare the equipment for rigging.
2. Balance load portion.
3. Roll and tape excess straps.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest



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13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.06 EMBARK AIR TRANSPORTATION

CONDITION(S): Given a Ram Air Parachute System (RAPS), and rigged combat equipment.

STANDARD(S): Passing the Jumpmaster's inspection prior to lift, per the references.

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ENCLOSURE (6)

PERFORMANCE STEPS:

1. Get rigged equipment.
2. Load all equipment on transport.
3. Ensure equipment is properly attached and secure.

REFERENCE(S):

1. FMFM 7-43/PM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PHQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute

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21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.07 DON RAM AIR PARACHUTE SYSTEM

CONDITION(S): Given a RAPS, helmet, oxygen system, and combat equipment.

STANDARD(S): Passing the Jumpmasters inspection, per the references.

PERFORMANCE STEPS:

1. Undo all straps.
2. Attach automatic ripcord release to the RAPS.
  - a. Inspect automatic ripcord case, ensure it is fully seated in the stowage pocket
  - b. Ensure power cable is threaded through power cable loop.
  - c. Ensure power cable is secure to the housing plate.
  - d. Ensure withdrawal hook does not go around cable.
  - f. Ensure knurled locking nut is fully seated.
3. Don the harness container.

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4. Push container up and thread cheat strap.
5. Position kit bag front to rear and fasten leg strap.
6. Adjust horizontal adjuster strap.
7. Adjust the main lift webs.
8. Thread waistband.
9. Secure and snug waistband.
10. Thread waistband extension through keeps on the detachable pouch and over weapon, as required (with oxygen).
11. Secure hook pile straps on detachable pouch (with oxygen).
12. Stow all excess webbing.
13. Set and don altimeter.
14. Don free-fall parachute helmet with oxygen mask, as required.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest

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13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.08 CONNECT TO SUPPLEMENT OXYGEN CONSOLE SYSTEMS

CONDITION(S): Given a fully Marine donned RAPS, oxygen hose assembly, portable oxygen system, and a personnel oxygen system onboard an aircraft.

STANDARD(S): Per the references.

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PERFORMANCE STEPS:

1. Check hose assembly valve of the portable oxygen console.
2. Attach hose assembly valve of the portable oxygen console to personnel oxygen system hose assembly.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical kit Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute

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21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.09 REACT TO MILITARY FREE-FALL (MFF) AIRCRAFT PROCEDURE SIGNALS

CONDITION(S): Given an aircraft, donned RAPS, Jumpmaster, and combat equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Don helmet and oxygen mask.
2. Fasten seat belt/unfasten seat belt.
3. Receive 20 minute warning, don combat equipment.
4. Arm ARR.
5. Check oxygen.
6. Receive 10 minute.
7. Receive wind speeds.
8. Stand up.

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9. PIN check.
10. Check equipment.
11. Turn on personnel oxygen system (ARR/OX VIII).
12. Move to the rear, disconnect from portable oxygen console.
13. Stand by.
14. Go or Abort.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

ADMINISTRATIVE INSTRUCTIONS:

1. Making/Prebreathing procedures will be determined by mission requirements.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (Chemlights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case



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17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.10 EXECUTE A STABLE FREE-FALL EXIT WHILE POISED

CONDITION(S): Exiting an aircraft, during daylight or darkness, donned fully in RAPS, helmet, altimeter, and combat essential equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Face in the direction of flight.
2. Extend body with back arched.
3. Keep legs apart.
4. Band knees slightly.

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5. Hold head back.
6. Extend arms to rear, away from body at approximately a 45 degree angle.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PK-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)

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23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.11 EXECUTE A STABLE FREE-FALL DIVING EXIT

CONDITION(S): Embarked on an aircraft, fully donned in free-fall and combat essential equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Face the opposite direction of flight.
2. Extend body with back arched.
3. Outstretch arms and hold comfortably apart.
4. Hold head back.
5. Bend legs at the knees.
6. Hold feet close to buttocks.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

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TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System

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28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.12 MAINTAIN STABLE POSITION AND HEADING DURING FREE-FALL

CONDITION(S): While in free-fall with all mission essential equipment.

STANDARD(S): Hit the correct drop zone (DZ) and continue the mission, per the references.

PERFORMANCE STEPS:

1. Arch back.
2. Hold head up and back.
3. Extend arms horizontally, elbows bent at a 90 degree angle.
4. Hold hands at eye level, palms down, slightly cupped, fingers spread.
5. Hold legs approximately shoulder width apart.
6. Bend knees at a comfortable angle.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera

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6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)

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34. Tree Climbing Gaff
  35. VS-17 Panels
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TASK: 9962.02.13 VISUALLY CHECK ALTIMETER

CONDITION(S): During a free-fall, and with all combat essential equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Read at a glance wrist altimeter without altering the stable free-fall body position.
2. Continue to monitor altimeter readings throughout free-fall.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

ADMINISTRATIVE INSTRUCTIONS:

1. Altimeter will be worn on left wrist.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line

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14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.14 MAINTAIN CONTROL AND MANEUVER

CONDITION(S): During a free-fall, with combat essential equipment.

STANDARD(S): Hit the DZ and ensure mission continuation, per the references.

PERFORMANCE STEPS:

1. Perform turn:



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- a. Look into the desired direction of the turn.
  - b. Bend the trunk of the body in the direction of the turn.
  - c. Bend body in opposite direction of turn to counter and stop the turn.
2. Perform International Lateral Movement:
- a. Bring arms back, elbows near side of body, with forearm at a 90 degree angle to body.
  - b. Rotate shoulders up and forward.
  - c. Straighten legs from knees.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

ADMINISTRATIVE INSTRUCTIONS:

1. The straighter the legs, the faster the glide will be.
2. To stop glide, return to stable position.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Fit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line

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14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.15 CONDUCT A STABLE PULL

CONDITION(S): At the prescribed altitude, during a free-fall, with essential combat equipment, during daylight or darkness.

STANDARD(S): Per the references.

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PERFORMANCE STEPS:

1. Look at main ripcord handle.
2. Reach for handle with right hand, extend left arm and hand in front of helmet.
3. Pull handle from ripcord pocket, extend both arms forward.
4. Clear, look over shoulder for main canopy deployment.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System

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20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.16 MAINTAIN CONTROL AND MANEUVER

CONDITION(S): Given a deployed RAPS, during a free-fall, with combat essential equipment.

STANDARD(S): So the individual hits the DZ and is combat ready, per the references.

PERFORMANCE STEPS:

1. Hold and point the canopy into the wind.
2. Run canopy pointed with the wind.
3. Crab/Point canopy at any given angle to wind direction.
4. Ensure toggles are in the up position behind rear risers for full flight.
5. Pull toggles down to shoulder or chest level for half brakes.
6. Pull toggles down to waist level for full brakes.
7. Pull toggles down below full brake position for stall.

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8. Pull either toggle, leaving the other in the up position to make a turn.

9. Pull both toggles from up position to full brakes to make a flared landing.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. \* Drop Zone Radios
10. \* FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. \* MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. \* MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)

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23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.17 EXECUTE CONTROLLED LANDING PROCEDURES

CONDITION(S): Given the required parachuting equipment, during daylight or darkness, and being suspended under a parachute canopy, with combat essential equipment.

STANDARD(S): Per the references, maintaining jump stick integrity.

PERFORMANCE STEPS:

1. Check canopy and ground position after opening of the parachute.
2. Lookout for other jumpers.
3. Check altimeter and first reference point.
4. Pick out immediate ground references between jumper and the target DZ.
5. Determine wind direction, at altitude and on the ground.
6. Check holding pattern and penetration of canopy.
7. Locate the wind line and determine direction to move.
8. Maneuver toward wind line.

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9. Check progress at halfway and three-quarters way points, and make necessary changes.
10. Turn into the wind at a minimum altitude of 500 feet.
11. Control canopy all the way to the ground, release combat equipment, as required.
12. Execute a controlled landing facing into the wind.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. \* Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical kit Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. \* MC-5 Ram Air Parachute System

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20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Rag
25. \* Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.18 REACT TO AN AIRCRAFT EMERGENCY

CONDITION(S): Given an onboard emergency situation, a fully donned and equipped Marine, during daylight or darkness.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Below 1000 feet, assume the forced landing position.
2. At altitude 1000 - 2000 feet:
  - a. On Jumpmaster's command exit the aircraft.
  - b. Deploy reserve parachute immediately.
  - c. Attempt to land with other jumpers.
3. Above 2000 feet:
  - a. Upon Jumpmaster's command exit the aircraft.



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- b. Deploy main parachute after a five (5) second delay.
- c. Attempt to land with other jumpers.

REFERENCE(S):

- 1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

ADMINISTRATIVE INSTRUCTIONS:

- 1. This task is briefed during parachute operations brief conducted by Jumpmaster prior to operation.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

- 1. 120' Line
- 2. AN/PMQ-3A Wind Meter
- 3. B-7 or B-5 Life Vest/Preserver
- 4. Backboard
- 5. Camera
- 6. Chemical Light(s) (ChemLights)
- 7. Combat Pack
- 8. Drop Zone Kit
- 9. Drop Zone Radios
- 10. FF2 Automatic Ripcord Release Assembly
- 11. Field Medical Aid Kit
- 12. Fragmentation Vest
- 13. H-Harness and Lowering Line
- 14. Individual 782 Gear
- 15. Lensatic Compass
- 16. M-1950 Weapons Case
- 17. MA2-30 Altimeter
- 18. MBU-5/P or MBU-5/P Oxygen Mask
- 19. \* MC-5 Ram Air Parachute System

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20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.19 REACT TO UNINTENTIONAL DEPLOYMENT OF MAIN OR RESERVE PARACHUTE ABOARD AIRCRAFT

CONDITION(S): Embarked on aircraft for a jump mission, fully donned and equipped Marine, A during daylight or darkness.

STANDARD(S): Per the references, contain the deployed parachute by holding it and placing it in a kit bag.

PERFORMANCE STEPS:

1. React by containing the deployed parachute.
2. Place the parachute in an aviators kit bag.
3. If the parachute deploys towards an exit and cannot be contained, the jumper exits with the parachute along will all jumpers forward of him.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

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INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical kit Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System

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27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.20 REACT TO COLLISION WITH ANOTHER JUMPER DURING FREE-FALL EXIT

CONDITION(S): Given a jump mission, during daylight or darkness, and a bodily collision between two or more jumpers exiting the aircraft.

STANDARD(S): Recover from the collision and maintain body positions until activation of the parachute, per the references.

PERFORMANCE STEPS:

1. Maintain arch.
2. Gently push off parachutes and regain stability.
3. Check altimeter and rip cords.
4. Pull ripcord when prescribed altitude is reached.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera

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6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)

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- 34. Tree Climbing Gaff
  - 35. VS-17 Panels
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TASK: 9962.02.21 REACT TO UNINTENTIONAL DEPLOYMENT OF MAIN OR RESERVE PARACHUTE DURING FREE-FALL

CONDITION(S): Given a free-fall mission, required equipment, during daylight or darkness.

STANDARD(S): Gain control of the canopy and maintain heading for DZ, per the references.

PERFORMANCE STEPS:

1. Main parachute deployment:
  - a. Do a penetration check.
  - b. Continue to fly canopy for intended DZ.
2. Reserve parachute deployment:
  - a. Cut away the main canopy.
  - b. Do a penetration check.
  - c. Continue to fly for intended DZ.
3. Main and reserve parachute deployment:
  - a. Activate cutaway handle.
  - b. Do a penetration check.
  - c. Continue to fly for intended DZ.
4. Main parachute deploys and reserve parachute partially opens:
  - a. Slow the main parachute to prevent full reserve inflation/deployment.
  - b. Attempt to pull in reserve parachute deployment bag.
  - c. Be ready to cut away main parachute.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

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TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System

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28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.22 REACT TO ALTIMETER FAILURE OR LOSS DURING FREE-FALL

CONDITION(S): Given required parachuting, and combat equipment, while executing a free-fall jump.

STANDARD(S): Maintain vision contact with other jumpers and activate parachute with other jumpers, per the references.

PERFORMANCE STEPS:

1. Maintain observation with surrounding jumpers.
2. Free-fall with other jumpers and perform main parachute activation with surrounding jumpers.
3. Immediately deploy parachute if visual contact with fellow jumpers is lost.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

ADMINISTRATIVE INSTRUCTIONS:

1. This task is briefed during parachute operations brief conducted by jumpmaster prior to operations.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard



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5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute

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33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.23 TAKE ACTION TO AVOID COLLISION WITH ANOTHER JUMPER OR DEPLOYED PARACHUTE

CONDITION(S): Given a fully suited jump stick during a free-fall in support of a combat mission.

STANDARD(S): Successfully maneuver away from other jumpers or deployed parachutes, per the references.

PERFORMANCE STEPS:

1. Look around to identify other jumpers upon exiting the aircraft.
2. Lower jumpers have the right of way. Steer clear if hovering above someone else.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest

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13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.24 REACT TO AVOID COLLISION WITH ANOTHER JUMPER UNDER PARACHUTE CANOPY

CONDITION(S): Given two fully suited jumpers suspended under parachute canopies, during a free-fall operations.

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STANDARD(S): Successfully maneuver away from other jumper and make a safe landing, per the references.

PERFORMANCE STEPS:

1. Lower jumper has the right of way.
2. Maintain a safe vertical and horizontal separation (200 feet vertical and 75 feet horizontal separation is recommended for normal operations).
3. Ensure jumpers heading for each other both look right, then turn right.
4. Spread arms and legs in an attempt to bounce off of the canopy and suspension lines if collision is imminent.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case

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17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.25 PERFORM EMERGENCY PROCEDURES FOR MID-AIR ENTANGLEMENT

CONDITION(S): Given being suspended under a parachute canopy during a free-fall mission.

STANDARD(S): Successfully disengage from entanglement with another jumper to continue the mission, per the references.

PERFORMANCE STEPS:

1. Perform the following step below if lower jumper is entangled with higher jumper if altitude is above 2000 feet:
  - a. Higher jumper attempts to clear lower parachute canopy.
  - b. If parachute canopy cannot be cleared check altitude.

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- c. Lower jumper performs canopy cutaway if at or above 2000 feet above ground level (AGL).
- 2. Perform the step below if lower jumper is entangled with higher jumper between 1000 - 2000 feet AGL:
  - a. The lower jumper evaluates situation and decides to:
    - 1. Perform parachute cutaway for a partial malfunction.
    - 2. Have higher jumper make every effort to maintain control of the lower jumper's parachute canopy, if the lower jumper decides not to perform cutaway procedures.
  - b. Lower jumper jettisons combat equipment.
  - c. Both jumpers prepare for a parachute landing fall (PLF).
- 3. Perform steps below if lower jumper is entangled with higher jumper below 1000 feet AGL:
  - a. Ensure higher jumper makes every effort to maintain control of the lower jumper's parachute canopy.
  - b. Lower jumper jettisons combat equipment.
  - c. Both jumpers prepare for PLF.
- 4. If both jumpers are entangled below 2000 feet AGL, and neither parachute is providing lift, decide immediately to cutaway and deploy both reserve parachutes.

REFERENCE(S):

- 1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

- 1. 120' Line
- 2. AN/PMQ-3A Wind Meter
- 3. B-7 or B-5 Life Vest/Preserver
- 4. Backboard
- 5. Camera
- 6. Chemical Light(s) (ChemLights)
- 7. Combat Pack

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8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical kit Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

Appendix B to  
ENCLOSURE (6)

TASK: 9962.02.26 PERFORM EMERGENCY PROCEDURES FOR A TREE LANDING

CONDITION(S): Given being suspended under a parachute canopy, and a situation requiring a tree landing.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Do not lower equipment, jettison combat equipment if already lowered.
2. Turn parachute canopy into the wind.
3. Brake, as needed, to achieve a vertical descent into the tree(s).
4. Prepare to perform parachute landing fall (PLF).
5. Use forearms to protect face while passing through the tree(s).

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

ADMINISTRATIVE INSTRUCTIONS:

1. Goggles and oxygen mask provide additional face and eye protection when worn.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit



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12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.27 PERFORM EMERGENCY PROCEDURES FOR AN UNINTENTIONAL WATER LANDING

CONDITION(S): Given being suspended under a parachute canopy with the likelihood of landing in water.

STANDARD(S): Per the references.

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ENCLOSURE (6)

PERFORMANCE STEPS:

1. Jettison oxygen mask and combat equipment.
2. Unhook reserve static line.
3. Remove any equipment mounted on front.
4. Unfasten chest strap and waist strap.
5. Release any tie down except the upper one on the weapon.
6. Inflate flotation devices, if available.
7. Turn parachute canopy into the wind.
8. Use brakes to slow airspeed but DO NOT flare.
9. Prepare to do a parachute landing fall (PLF) if the water is shallow.
10. Release leg straps and swim upstream or upwind upon contact with the water.
11. If trapped under parachute canopy, follow a seam to the edge of the canopy.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Kit
12. Fragmentation Vest

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13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.28 PERFORM EMERGENCY PROCEDURES FOR A WIRE LANDING

CONDITION(S): Given being suspended under a parachute canopy, and heading toward power or telephone lines.

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ENCLOSURE (6)

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STANDARD(S): Successfully avoid obstacle and execute a parachute landing fall (PLF), per the references.

PERFORMANCE STEPS:

1. Avoid wires at all costs, even if a downwind landing is required.
2. Discard main ripcord.
3. Turn off oxygen.
4. Jettison combat equipment.
5. Streamline body with feet and knees together.
6. Attempt to land parallel with the wires.
7. Bring parachute canopy to half brake and prepare to make a PLF.
8. Remain motionless until power is turned off and help arrives if entangled in wires.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line

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14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.29 RECOVER FROM PARACHUTE DRAG

CONDITION(S): Given a drop zone (DZ) with high winds, full combat equipment, and after performing a parachute landing fall (PLF), experience a re-inflation of the parachute canopy.

STANDARD(S): With minimum bodily injury and mission capable, per the references.

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ENCLOSURE (6)

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PERFORMANCE STEPS:

1. Try to deflate the parachute canopy.
2. If still being dragged, undo the Stevens Assist (release).
3. Locate cutaway handle and cutaway the deployed parachute.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute

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21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable oxygen System
27. Portable/Bailout oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.30 PERFORM EMERGENCY PROCEDURES FOR A TOTAL PARACHUTE MALFUNCTION

CONDITION(S): Given full combat equipment, executing a free-fall insertion mission, and a total malfunction of the main parachute.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Discard main ripcord.
2. Look at and grab cutaway handle for main parachute.
3. Look at and grab reserve ripcord.
4. Pull cutaway handle for main parachute.
5. Pull reserve ripcord and discard.
6. Arch body and ensure reserve parachute's pilot parachute has deployed.
7. Perform actions on opening procedures.

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ENCLOSURE (6)

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By  
(Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)
7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag



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25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A.2, M-9, M249, etc.)
34. Tree Climbing Gaff
35. VS-17 Panels

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TASK: 9962.02.31 PERFORM EMERGENCY PROCEDURES FOR PARTIAL PARACHUTE MALFUNCTION

CONDITION(S): Given full combat equipment, executing a free-fall insertion mission, and a partial malfunction of the main parachute.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Identify the type of partial malfunction.
2. Execute malfunction procedures, per the references.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (12) Req By (Pvt)

TRAINING MATERIEL:

1. 120' Line
2. AN/PMQ-3A Wind Meter
3. B-7 or B-5 Life Vest/Preserver
4. Backboard
5. Camera
6. Chemical Light(s) (ChemLights)

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7. Combat Pack
8. Drop Zone Kit
9. Drop Zone Radios
10. FF2 Automatic Ripcord Release Assembly
11. Field Medical Aid Kit
12. Fragmentation Vest
13. H-Harness and Lowering Line
14. Individual 782 Gear
15. Lensatic Compass
16. M-1950 Weapons Case
17. MA2-30 Altimeter
18. MBU-5/P or MBU-5/P Oxygen Mask
19. MC-5 Ram Air Parachute System
20. MC1-1B or MC1-1C Main Parachute
21. Military Free Fall (MFF) Helmet
22. PRC 103 Radio(s)
23. PRC 77 Radio(s)
24. Parachute Kit Bag
25. Personnel Oxygen System
26. Portable Oxygen System
27. Portable/Bailout Oxygen System
28. Radio, Callsigns and Frequencies
29. Safety Vehicle
30. Standard A Helmet
31. Static Line Extension
32. T-10 Reserve Parachute
33. T/O Weapon (M16A2, M-9, M249, etc.)
34. Tree Climbing Gaff

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35. VS-17 Panels

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DUTY AREA 03 - MILITARY STATIC LIKE JUMPMaster

TASK: 9962.03.01 COORDINATE SUPPORT

CONDITION(S): Given the mission to conduct a static line parachute operation.

STANDARD(S): Per the references,

PERFORMANCE STEPS:

1. Coordinate the following with the S-3 operations Section:
  - a. Required station time for aircraft.
  - b. Notice to Airmen (NOTAM).
  - c. Drop Zone (DZ).
  - d. Flight manifest (time and place).
  - e. Type of aircraft and quantity required.
  - f. Weather forecast, updates, and weather "GO/NO GO" decision time.
  - g. Unit mission and tactical plan.
  - h. Air movement plan.
  - i. Time to:
    1. Don parachute equipment.
    2. Jumpmaster inspection.
    3. Combat equipment issue.
  - j. Time on Target (TOT).
2. Brief jumping unit commander.
3. Organize the aircraft load.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING- Formal School (Preliminary) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

1. Calculator
2. Chalkboard/Dry Erase Board
3. Parachutes

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4. Preflight Kit
5. Protractor

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TASK: 9962.03.02 COORDINATE LOGISTICAL SUPPORT

CONDITION(S): Given the mission to conduct a static line parachute operation.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Review logistical requirements.
2. Coordinate the following with the S-4 Logistics Section:
  - a. Transportation.
  - b. Communications.
  - c. Class I supplies (Rations, Water, etc.) and Class V(W) (Ground ammunition).
  - d. Armory.
  - e. Paraloft (Parachutes, Preflight kit).
  - f. Medical support.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: MOJT (Standard) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

1. Calculator
2. Chalkboard/Dry Erase Board
3. Parachutes
4. Preflight Kit
5. Protractor

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TASK: 9962.03.03 COMPUTE RELEASE POINT

CONDITION(S): Given the required environmental conditions, and the information developed from the mission analysis.

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ENCLOSURE (6)

STANDARD(S): Plot the parachute operation release point with no more than a 100 meters error, per the references.

PERFORMANCE STEPS:

1. Determine and compute  $D = KAV$ .
  - a.  $D$ =Distance.
  - b.  $K$ =Constant.
  - c.  $A$ =Altitude.
  - d.  $V$ =Velocity.
2. Determine the constant (4.1 for personnel).
3. Determine the altitude (i.e., 1,250 feet or 12.5).
4. Determine the wind velocity (i.e., 10 knots or 10).
5. Multiply  $K \times A \times V = ?$  (example:  $4.1 \times 12.5 \times 10 = 512.5$  meters) (round up).
6. Locate desired impact point (DIP) on drop zone (DZ).
7. Use protractor and map, start from DIP and go back 513 meters into the direction of the wind.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

1. Calculator
2. Chalkboard/Dry Erase Board
3. Parachutes
4. Preflight Kit
5. Protractor

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TASK: 9962.03.04 CONDUCT A JUMP BRIEF

CONDITION(S): Given a mission to conduct a static line parachute operation and a designated group of jumpers.

STANDARD(S): Per the references.

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PERFORMANCE STEPS:

1. Describe the drop zone.
2. Describe aircraft peculiarities.
3. Describe uniform and equipment.
4. Describe action at airstrip/airfield.
5. Describe actions in the aircraft.
6. Describe jump commands.
7. Describe actions after exiting the aircraft.
8. Describe activation of reserve parachute inside the aircraft procedures.
9. Describe tow jumper procedures from fixed-wing and rotary-wing aircraft.
10. Describe emergency procedures for water landings.
11. Describe emergency procedures for tree landings.
12. Describe emergency procedures for wire landings.
13. Describe total and partial parachute malfunctions.
14. Describe actions in the drop zone.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

1. Calculator
2. Chalkboard/Dry Erase Board
3. Parachutes
4. Preflight Kit
5. Protractor

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TASK: 9962.03.05 SUPERVISE PRE-JUMP TRAINING

CONDITION(S): Given the mission to conduct static line operations, training harness, helmet, main and reserve parachutes, and a mock aircraft.

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ENCLOSURE (6)

STANDARD(S): Issue a training plan, which covers all requirements prior to conducting actual jump operations.

PERFORMANCE STEPS:

1. Mock aircraft rehearsal.
2. Five points of performance.
3. Emergency procedures.
4. Parachute landing falls/circle training during sustained airborne training.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Pvt)

TRAINING MATERIEL:

1. Calculator
2. Chalkboard/Dry Erase Board
3. Parachutes
4. Preflight Kit
5. Protractor

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TASK: 9962.03.06 CONDUCT THE JUMPMaster PERSONNEL INSPECTION (JMPI) OF PERSONNEL AND EQUIPMENT

CONDITION(S): Given a Marine or a group of Marines wearing the prescribed parachuting and combat equipment.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Inspect the following items on every jumper:
  - a. Helmet (front).
  - b. Canopy release assemblies.
  - c. Chest strap.
  - d. Waistband.
  - e. M1950 weapons container.
  - f. Reserve parachute.



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- g. Alice pack, harness, and HPT lowering line.
- h. Leg straps.
- i. Static line.
- j. Helmet (back).
- k. Risers.
- l. Main parachute pack tray.
- m. Diagonal back strap.
- n. Horizontal back strap.
- o. Saddle.

- 2. Ensure discrepancies are corrected.

REFERENCE(S):

- 1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

- 1. Calculator
- 2. Chalkboard/Dry Erase Board
- 3. Parachutes
- 4. Preflight Kit
- 5. Protractor

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TASK: 9962.03.07 BRIEF AIRCREW FOR STATIC LINE PARACHUTE OPERATION

CONDITION(S): Given a mission to conduct a static line parachute operation, and aircraft and crew, and a group of fully equipped jumpers.

STANDARD(S): Using the pilots brief format, per the references.

PERFORMANCE STEPS:

- 1. The aircrew will be briefed on the following information:
  - a. Troop safety brief.
  - b. Drop zone location and name.

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- c. Direction of flight (azimuth).
- d. Visual signals (code letters, smokes).
- e. Times (load time, take off, and time over target).
- f. Time warning for fixed-wing or rotary-wing aircraft.
- g. Number of jumpers.
- h. Number of sticks.
- i. Type of jump (tactical/combat equipment), type of parachutes in use.
- j. Altitude for the jump.
- k. Flight pattern.
- l. Airspeed.
- m. Communications plan.
- n. Internal aircraft communication.
- o. Administration procedures.
- p. Emergency procedures.

REFERENCE(S):

- 1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

- 1. Calculator
- 2. Chalkboard/Dry Erase Board
- 3. Parachutes
- 4. Preflight Kit
- 5. Protractor

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TASK: 9962.03.08 PERFORM PRE-FLIGHT AIRCRAFT INSPECTION

CONDITION(S): Given an aircraft, the mission to conduct a parachute operation, and a qualified assistant Jumpmaster.

STANDARD(S): Per the references and Jumpmaster's guidance.

PERFORMANCE STEPS:

1. Inspection steps for a fixed-wing aircraft:
  - a. Ensure enough seats are installed with safety belts.
  - b. Inspect aircraft dock.
  - c. Inspect jump platform, if jumping from doors.
  - d. Inspect ramp.
  - e. Inspect air deflector(s).
  - f. Check jump caution lights.
  - g. Inspect anchor line system.
  - h. Inspect static line retrievers.
  - i. Inspect emergency equipment.
  - j. Inspect jump door(s).
  - k. Give pilot brief.
2. Inspection steps for CH-53 or CH-46:
  - a. Ensure ramp and deck are clean and free of oil.
  - b. Install rollers in the down position.
  - c. Install and inspect anchor line cable and static line extensions.
  - d. Ensure seat belts are present with safety belts.
  - e. Install restraining harness.
  - f. Check Internal Communications System (ICS).
3. Inspection steps for a UH-1 or UH-60 helicopter:
  - a. Remove seats.
  - b. Install seat belts or lap belts.
  - c. Secure both large doors to rear in lock position or removed if position.
  - d. Remove small cargo doors.
  - e. Ensure ground handling wheel mounting brackets are taped over.
  - f. Ensure deck mounted push to talk switch is taped over.
  - g. Ensure cargo tie down rings and litter brackets are taped over.

- h. Inspect for sharp edges and tape, as necessary.
- i. Install expedient anchor line.
- j. Check ICS.

REFERENCE(S):

- 1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

ADMINISTRATIVE INSTRUCTIONS:

- 1. Anchor line cable rigging procedures may vary between the references, but the jumpmaster will still be responsible.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

- 1. Calculator
- 2. Chalkboard/Dry Erase Board
- 3. \* Military Cargo Aircraft (C-130, C-141, C-5)
- 4. \* Military Rotary Wing Aircraft (Cargo, Transport)
- 5. Parachutes
- 6. Preflight Kit
- 7. Protractor

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TASK: 9962.03.09 ISSUE JUMP COMMANDS

CONDITION(S): Given the mission to conduct a static line parachute operation, a group of fully equipped Marines onboard an aircraft approaching the drop zone.

STANDARD(S): Using verbal, hand and arm signal commands per the references.

PERFORMANCE STEPS:

- 1. Issue "GET READY".
- 2. Issue "OUTBOARD PERSONNEL, STAND UP".
- 3. Issue "INBOARD PERSONNEL, STAND UP".
- 4. Issue "HOOK UP".
- 5. Issue "CHECK STATIC LINES".
- 6. Issue "CHECK EQUIPMENT".

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7. Issue "SOUND OFF FOR EQUIPMENT CHECK".
8. Issue "STAND BY".
9. Issue "GO".
10. Issue "SIT IN THE DOOR". (UH-1 or UH-60 Helicopter)
11. Issue "STAND BY".
12. Issue "GO".

REFERENCE(S):

1. FMFM 7-41/FM 57-220, Basic Parachuting Techniques and Training
2. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By (Cpl)

TRAINING MATERIEL:

1. Calculator
2. Chalkboard/Dry Erase Board
3. Military Cargo Aircraft (C-130, C-141, C-5)
4. Military Rotary Wing Aircraft (Cargo, Transport)
5. Parachutes
6. Preflight Kit
7. Protractor

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TASK: 9962.03.10 CONDUCT ALIGNMENT OF AIRCRAFT OVER COMPUTED RELEASE POINT

CONDITION(S): Given a mission to conduct a parachute operation, a fully equipped group of Marines, and aircraft, during day or night.

STANDARD(S): Using prearranged communications procedures, receive drop zone party correction data, communicate with the aircrew to maneuver the aircraft to the desired computed release point (CRP) and High Altitude Release Point (HARP), per the references.

PERFORMANCE STEPS:

1. Brief pilots.
2. Choose door/ramp for spotting.
3. Assume door position.
4. Spot.

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5. Locate CRP.
6. Determine correct track.
7. Give corrections, if required.

REFERENCE(S):

1. FMFM 7-42/FM 57-230, Advanced Parachuting Techniques and Training

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (3) Req By  
(Cpl)

TRAINING MATERIEL:

1. Calculator
2. Chalkboard/Dry Erase Board
3. Military Cargo Aircraft (C-130, C-141, C-5)
4. Military Rotary Wing Aircraft (Cargo, Transport)
5. Parachutes
6. Preflight Kit
7. Protractor

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DUTY AREA 04 - MILITARY FREE FALL PARACHUTE JUMPMaster.

TASK: 9962.04.01 COORDINATE FREE-FALL PARACHUTE OPERATIONS SUPPORT

CONDITION(S): Given the mission to conduct free-fall parachute operations, an operations brief, and required administrative materials.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Coordination to be made with the S-3 Operation Section:
  - a. Station time.
  - b. Block time.
  - c. Frequencies of aircraft and callsigns.
  - d. Drop zone.
  - e. Receive weather decision, and "GO", "NO GO" mission decision criteria.
2. Coordination to be made with the S-4 Logistics Section:
  - a. Transportation.
  - b. Communications equipment.
  - c. Class I Supplies (rations, water).
  - d. Armory.
  - e. Paraloft.
  - f. Medical.
3. Check manifest.
4. Organize sticks and plan load(s).
5. Brief S-3 Section on final plan of operation.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

ADMINISTRATIVE INSTRUCTIONS:

1. Check on or submit NOTAM with range control and Federal Aviation Administration (FAA) for airspace use during free-fall/High Altitude High Opening (HAHO) operations.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

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TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
  2. Chalkboard/Dry Erase Board
  3. Irvine Calculator
  4. Pre-Breather Portable Oxygen System
  5. Protractor
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TASK: 9962.04.02 COMPUTE HIGH ALTITUDE RELEASE POINT (HARP)

CONDITION(S): Given a protractor, pencil, calculator, map of the drop zone, and direction and velocities of wind from surface to exit altitude.

STANDARD(S): Plot the release point for a High Altitude Low Opening (HALO) operation, per the references.

PERFORMANCE STEPS:

1. Start from the desired impact point (DIP).
2. Calculate canopy drift (CD).
3. Calculate free-fall drift (FFD).
4. Calculate forward throw.
5. Plot High Altitude Release Point (HARP).

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting
2. TM 10-1670-264-13P, Organization and Direct Support Maintenance Manual Including Repair Parts and Special Tools List for Internal RAM-AIR Parachute System

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
  2. Chalkboard/Dry Erase Board
  3. Irvine Calculator
  4. Pre-Breather Portable Oxygen System
  5. Protractor
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TASK: 9962.04.03 CONDUCT A JUMP BRIEF

CONDITION(S): Given the mission to conduct a free-fall parachute operation, a designated group of jumpers, during daylight or darkness, and a free-fall briefing format.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Present operation plan.
2. Identify key personnel.
3. Conduct manifest call.
4. Describe drop zone.
5. Present weather information.
6. Present time schedule.
7. Present frequencies and callsigns.
8. Prescribe uniform and equipment.
9. Demonstrate Jumpmaster procedures, commands, and signals.
10. Review parachutist's actions upon exiting aircraft.
11. Review parachutist's actions during free-fall.
12. Review parachutist's actions on opening.
13. Review parachutist's actions under a canopy.
14. Review emergency procedures.
15. Review aircraft emergencies, fire, failure, etc.
16. Review emergency landings for:
  - a. Trees.
  - b. Wires.
  - c. Water.
17. Review any special instructions.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

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TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
  2. Chalkboard/Dry Erase Board
  3. Irvine Calculator
  4. Pre-Breather Portable Oxygen System
  5. Protractor
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TASK: 9962.04.04 SUPERVISE PRE-JUMP TRAINING

CONDITION(S): Given the mission to conduct a free-fall parachute operation, a training schedule, training harness, helmet, altimeter, and a mock aircraft.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Supervise the rehearsal of aircraft procedures.
2. Supervise the rehearsal of the actions upon exiting the aircraft.
3. Supervise the rehearsal of actions during the free-fall.
4. Supervise the rehearsal of actions upon parachute opening.
5. Supervise the rehearsal of actions under canopy.
6. Supervise the rehearsal of emergency procedures.
7. Supervise the rehearsal of landing procedures.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
  2. Chalkboard/Dry Erase Board
  3. Irvine Calculator
  4. Pre-Breather Portable Oxygen System
  5. Protractor
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TASK: 9962.04.05 CONDUCT THE JUMPMaster PERSONNEL INSPECTION (JMPI) OF PERSONNEL AND EQUIPMENT

CONDITION(S): Assigned as the Jumpmaster for a free-fall parachuting operation, and a group of Marines fully suited and combat equipped.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Inspect parachute system.
2. Inspect oxygen equipment (oxygen operation).
3. Inspect weapon.
4. Inspect 782 gear.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
2. Chalkboard/Dry Erase Board
3. Irvine Calculator
4. Pre-Breather Portable oxygen System
5. Protractor

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TASK: 9962.04.06 BRIEF AIRCREW FOR FREE-FALL OPERATIONS

CONDITION(S): Assigned as the Jumpmaster, and given the mission to conduct a free-fall insert operation, jump team, and an aircraft with crew.

STANDARD(S): Using the pilot briefing format, per the references.

PERFORMANCE STEPS:

1. Assemble all aircrew participants involved in the operation.
2. Identify key personnel.
3. Brief free-fall concept of operation.
4. Brief operational data:
  - a. Drop altitude Above Ground Level (AGL) and opening altitude AGL.

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- b. Drop speed in KIAS.
  - c. Describe track or altitude.
  - d. Proposed High Altitude Release Point (HARP).
  - e. Number of passes.
  - f. Number of parachutists per pass.
  - g. Total number of personnel and approximate weight.
  - h. Time warning/procedures at each warning.
  - i. Type of jump.
  - j. Type of exit from aircraft.
  - k. Explain corrections from Jumpmaster.
  - l. Use of jump caution lights.
  - m. Availability of walk-around oxygen equipment.
  - n. Aircraft configuration.
  - o. Cabin lighting and temperature.
  - p. Weather decision, delays, and NOTAM.
  - q. Navigation duties.
  - r. Altimeter setting/projected altimeter setting for area of operation.
  - s. Explain ARR setting procedures/safe descent level.
- 5. Brief characteristics of drop zone in area of operation.
  - 6. Brief communications plan, and procedures.
  - 7. Brief aircrew troop safety briefing (time, location).

REFERENCE(S):

- 1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By  
(Sgt)

TRAINING MATERIEL:

- 1. 6-Man Portable Oxygen Console
- 2. Chalkboard/Dry Erase Board

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3. Irvine Calculator
4. Pre-Breather Portable Oxygen System
5. Protractor

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TASK: 9962.04.07 PERFORM PRE-FLIGHT AIRCRAFT INSPECTION

CONDITION(S): Given the mission to conduct free-fall parachute operations and an aircraft rigged for free-fall.

STANDARD(S): Per the references and the aircraft inspection checklist.

PERFORMANCE STEPS:

1. Inspect aircraft exterior.
2. Inspect aircraft interior:
  - a. Seats and safety belts.
  - b. Jump caution lights are functioning.
  - c. Cabin lights are functioning, if required.
  - d. Jump doors/ramp.
  - e. Aircraft docks.
  - f. Oxygen system and equipment are functioning.
  - g. Safety equipment is on hand and functional
  - h. Troop combat facilities (head/toilet).

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
2. Chalkboard/Dry Erase Board
3. Irvine Calculator
4. Military Cargo Aircraft (C-130, C-141, C-5)
5. Military Rotary Wing Aircraft (Cargo, Transport)
6. Pre-Breather Portable Oxygen System

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## 7. Protractor

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TASK: 9962.04.08 INSPECT PORTABLE OXYGEN SYSTEM

CONDITION(S): Given a six-man pre-breather portable oxygen system, and the mission to conduct a free-fall operation.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. During pre-flight inspection of the oxygen console:
  - a. Check to ensure hoses and regulator are assembled and properly connected.
  - b. Conduct and operational function check.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
  2. Chalkboard/Dry Erase Board
  3. Irvine Calculator
  4. \* Portable Oxygen System
  5. Pre-Breather Portable Oxygen System
  6. Protractor
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TASK: 9962.04.09 ISSUE JUMP COMMANDS

CONDITION(S): During the conduct of a free-fall insertion operation, given an aircraft loaded with combat equipped Marines and approaching the drop zone.

STANDARD(S): Using the correct hand and arm signals per the references.

PERFORMANCE STEPS:

1. Issue aircraft procedures signals.
2. Issue jump commands in the correct sequence.

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REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
  2. Chalkboard/Dry Erase Board
  3. Irvine Calculator
  4. Military Cargo Aircraft (C-130, C-141, C-5)
  5. Military Rotary Wing Aircraft (Cargo, Transport)
  6. Pre-Breather Portable Oxygen System
  7. Protractor
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TASK: 9962.04.10 ALIGN AIRCRAFT DURING JUMPMaster RELEASE OPERATIONS

CONDITION(S): Given the mission to conduct a free-fall insertion, during day or night and airborne aircraft with combat equipped Marines, and the desired high altitude release point.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Assume door/ramp position.
2. Locate High Altitude Release Point (HARP).
3. Determine track or aircraft.
4. Give corrections, if needed.
5. Release parachutist over the HARP.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
2. Chalkboard/Dry Erase Board

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3. Irvine Calculator
  4. Military Cargo Aircraft (C-130, C-141, C-5)
  5. Military Rotary Wing Aircraft (Cargo, Transport)
  6. Pre-Breather Portable Oxygen System
  7. Protractor
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TASK: 9962.04.11 SUPERVISE OXYGEN PRE-BREATHER

CONDITION(S): Given the mission of conducting oxygen free-fall parachute insertion operation, during day or night, from and airborne aircraft, and oxygen safety personnel, physiological technician, a six-man pre-breather portable console system.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Plan for all oxygen equipment requirements for the mission.
2. Assign and brief all oxygen safety personnel on required duties.
3. Inspect all life support equipment.
  - a. Individual oxygen masks.
  - b. Six-man pre-breather portable oxygen equipment system.
  - c. Portable/Bailout system.
  - d. AIROX VIII.
  - e. MA-1 portable oxygen assembly.
4. Supervise the securing of the pre-breather system inside the aircraft.
5. Issue aircraft procedural signals and periodic oxygen checks of the parachutists.
6. React to emergency situations (as required).
7. Supervise oxygen safety personnel.
8. Issue jump commands.

REFERENCE(S):

1. FMFM 7-43/FM 31-19, Military Free-Fall Parachuting



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ADMINISTRATIVE INSTRUCTIONS:

1. Parachutists involved with pre-breathing operations must have a current flight physical and have undergone physiological training within the last three years.

INITIAL TRAINING SETTING: Formal School (Standard) Sustainment (6) Req By (Sgt)

TRAINING MATERIEL:

1. 6-Man Portable Oxygen Console
2. Chalkboard/Dry Erase Board
3. Irvine Calculator
4. Military Cargo Aircraft (C-130, C-141, C-5)
5. Military Rotary Wing Aircraft (Cargo, Transport)
6. Pre-Breather Portable Oxygen System
7. Protractor

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